

STATE OF ILLINOIS
OTTO KERNER, Governor



ILLINOIS STATE LIBRARY

JAN 19 1966

ILLINOIS DOCUMENTS

**1964 Annual Coal, Oil and Gas Report
DEPARTMENT OF MINES AND MINERALS**



ILLINOIS STATE LIBRARY
SPRINGFIELD

I622.33

Md

C.2

Illinois. Dept. of Mines and
Minerals.

Annual coal, oil and gas report

7338451

STATE OF ILLINOIS
OTTO KERNER, *Governor*

Eighty Third
COAL REPORT OF ILLINOIS
1964

**DEPARTMENT OF MINES AND
MINERALS**



L. LEON RUFF, *Director*

K. F. WELLS, *Assistant Director*

(Printed by authority of the State of Illinois.)

ILLINOIS STATE LIBRARY

7338451



(9564)

7-22.33

md1764

C. 2

LETTER OF TRANSMITTAL

STATE OF ILLINOIS,
DEPARTMENT OF MINES AND MINERALS.

SPRINGFIELD, ILLINOIS, May 1, 1965

*To His Excellency, Otto Kerner, Governor
State of Illinois, Springfield.*

Sir: I have the honor to submit herewith the Eighty Third Annual Coal Report of the State of Illinois as reported to the Department of Mines and Minerals, for the year ending December 31, 1964.

Respectfully submitted,

L. Leon Ruff, *Director*

TABLE OF CONTENTS

	Page
Directors of the Department of Mines and Minerals.....	6
Personnel Roster.....	7-8
List of State Mine Inspectors and Counties Comprising Their Respective Districts...	9-10

I GENERAL

Table 1—Directory of Shipping Mines.....	12
Table 1A—Directory of Local Mines.....	14
Table 2—General Statement With Comparative Figures 1960-1964.....	16
Mines Suspending Operations During 1964.....	17
Mines Abandoned During 1964.....	17
New Mines Opened During 1964.....	17
Mines Reopened During 1964.....	18
Name Changes During 1964.....	18

II PRODUCTION

Table 3—Average Man-Day Production—Shipping Mines.....	21
Table 4—Output of Shipping Mines by Months 1959-1964.....	22
Table 5—Number of Shipping Mines Operated and Average Days Worked Each Month 1959-1964.....	22
Table 6—Relative Rank of Counties Producing 500,000 Tons or More 1960-1964..	22
Table 7—Tons of Coal Produced, Average Days Worked, Number of Mines Operated, and Number of Employees in All Shipping Mines, With Percentages by Years from 1920 to 1964 Inclusive.....	23
Table 8—Mines and Production 1963 and 1964.....	23
Table 9—Output of Shipping Mines and Days Worked Each Month in 1964.....	24
Table 10—Disposition of Output, Explosives Used, and How Mined.....	30
Table 11—Railroads Handling Coal and Mines Served by Each.....	48
Table 12—Special Preparation Plants.....	51
Table 13—Physical and Mechanical Characteristics of Shipping Mines, Tons Mined, Total Tons Mined, and Year Mine Opened.....	52
Table 14—Total Production of Coal in Tons by Counties, 1882-1964.....	58
Table 15—Summary of the Various Seams of Coal, Kind of Opening, Manner of Working and Tons Produced From Each Seam.....	58

III LABOR AND EMPLOYMENT

Table 16—Non-Fatal Accidents by Counties and Months, 1964.....	60
Table 17—Comparative Statistics of Fatal and Non-Fatal Accidents for the Period 1928 to 1964 Inclusive.....	68
Table 18—Tons of Coal Mined, Number Employed, Number Killed and Injured, Tons Mined to One Man Killed and Injured, and Ratios Per 1,000 Employed and Per 1,000,000 Tons Mined—1882-1964, Including Injuries Involving Loss of 30 Days or More.....	69
Table 19—Fatal Accidents by Occupation and Causes, 1964.....	72
Table 20—Causes of Fatal Accidents by Years—1882-1964.....	72
Table 21—Comparative Statistics of Fatal Accidents for the Period 1955 to 1964 Inclusive and tons mined to One Man Killed.....	74

	Page
Table 22—Fatal Accidents.....	75
Summary of Fatal Accidents.....	76
Table 23—Working Time.....	81
Table 24—Employees.....	81

IV MECHANIZATION

Table 25—Machine Mining for The Period 1928 to 1964 Inclusive, All Mines.....	84
Table 26—Number of Mines Operated and Total Tons Mined; Strip Mines and Output; Number of Mines Using Machines, Number Used and Tonnage Undercut; Number of Mines Using Motors for Underground Haulage, Number of Motors Used and Tons Hauled; Also the Percentage of Each Class—Shipping Mines By Years 1907-1964.....	85
Table 27—Method of Loading in Shipping Mines.....	86
Table 28—Mechanical Loading in Shipping Mines for Thirty-four Years, 1931-1964	87
Table 29—Method of Loading in Shipping Mines for Thirty-four Years, 1931-1964	88
Report of Division Inspection.....	89
Summary of Specific Work Report for State Mine Inspectors.....	90
Analytical Laboratory.....	91
Report of Miners' Examining Board.....	93
Certificates of Competency Issued by Miners' Examining Board.....	95
Summary of Activities of Mine Rescue Stations.....	102
Report of Metal Mines Operation.....	103
Report of Certificates of Competency Issued by Mining Board:	
State Mine Inspectors.....	104
Mine Managers, First Class.....	104
Mine Examiners.....	105
Electric Hoisting Engineers.....	105
Electric Hoisting Engineer, Metal Mines.....	105
Certificate of Compliance—Explosive.....	106

DIVISION OF OIL AND GAS

DIRECTORS OF ILLINOIS — DEPARTMENT OF MINES AND MINERALS

Name	Years served	Address	Remarks
Newsam, Richard...	1898-1912.....	Peoria.....	
John, Evan D.....	1917-1919.....	Spaulding.....	
Thompson, Joseph C.	1919-1920.....	Johnston City..	
Medill, Robert M...	1920-1924.....	Roanoke.....	
Bolt, Martin.....	1924-1926.....	Springfield.....	
Lewis, A. D.....	1926-1930.....	Springfield.....	
Millhouse, John G...	1930-1934.....	Litchfield.....	
McSherry, James...	1934-1941.....	DuQuoin.....	
Medill, Robert M...	1941-1947.....	Roanoke.....	
Walker, Harold L...	April 2 to October 1, 1947	Urbana.....	
Moses, Thomas.....	October 1, 1947 to February 20, 1948	Danville.....	Died in office.
Cruse, Robert R....	March 1, 1948 to January 16, 1949..	Dowell.....	
Starks, James W....	January 17, 1949 to February 3, 1949	Taylorville....	Died in office.
Walker, Harold L...	February 8 to April 18, 1949.....	Urbana.....	
Eadie, Walter.....	April 19, 1949 to January 15, 1953.	West Frankfort	
Schull, B. H.....	January 15, 1953 to August 31, 1961	Marion.....	
Orlandi, W. J.....	September 1, 1961 to February 14, 1963	Kincaid.....	
L. Leon Ruff.....	February 15 1963	Collinsville....	

DEPARTMENT OF MINES AND MINERALS

L. L. RUFF, Director

Phone: 525-6791

Springfield, Illinois

K. F. WELLS, Assistant Director

Phone: 525-6792

Springfield, Illinois

MINING BOARD

L. L. RUFF, *Executive Officer*, Springfield, Illinois.

EDDIE FRANKO, *Secretary*, 416 E. Webster Avenue, Benton, Illinois.

WILLIAM ORLANDI, Member, 202 Westview Drive, Collinsville, Illinois.

WALTER C. GILL, Member, 314 East Adams Street, Springfield, Illinois.

GEORGE MOORE, Member, P. O. Box 411, Carrier Mills, Illinois.

MINE RESCUE STATIONS

SUPERINTENDENTS AND STATION ADDRESSES

Benton No. 1 — LOUIS MYRICK, 503 East Main Street.

Benton No. 2 — ARCH IVY, P. O. Box 96, Herrin.

DuQuoin — JAMES J. JANINI, 211 West Park Street.

Eldorado — BENNIE GIBBS, 1411 Locust Street.

Springfield — JAMES LITCHFIELD, 609 Princeton Avenue.

— WILLIAM MITCHELL, 609 Princeton Avenue.

MINERS' EXAMINING BOARD

HERSHEL MALONE, *President*, 605 North Maple Street, Benton, Illinois.

PETER GIRARDI, *Secretary*, 312 North Kentucky, Benld, Illinois.

EARL T. TANNER, Member, R.F.D. 1, Carrier Mills, Illinois.

GUY A. FERRARI, Member, 232 Orchard, Zeigler, Illinois.

METAL MINES INSPECTOR

ARNOLD E. BLACK, Sparks Hill, Illinois.

COAL QUALITY INSPECTORS

DONALD HANEY, 38 Illini Drive, Taylorville, Illinois.

DONALD HAFLIGER, 421 East Esther, Taylorville, Illinois.

GENERAL OFFICE

Administrative Secretary: EDNA ROACH, 414 East Canedy, Springfield, Illinois.

Chief-Clerk: JOSEPH C. TABOR, 1304 Ivywood Drive, Springfield, Illinois.

Account Clerk: MILDRED GLENWRIGHT, 623½ S. Glenwood, Springfield, Illinois.

Clerk-Steno II: EVELYN CUMMINGS, 9 Ward Drive, Elkhart, Illinois.

Clerk-Steno II: CAROL HATHHORN, 1205 So. 14th, Springfield, Illinois.

Clerk-Typist II: JOELLA ANDERSON, 12 Hedge Drive, Springfield, Illinois.

Clerk-Typist I: PAMELA WILSON, P.O. Box 126, Bulpitt, Illinois.

LIST OF STATE MINE INSPECTORS AND COUNTIES COMPRISING THEIR RESPECTIVE DISTRICTS

- First District — ARTHUR RIEDLINGER, *Inspector*, 117 Amsler Street, Bartonville, Illinois. Fulton, Logan, LaSalle, Livingston, Peoria, Stark, Marshall, and Knox Counties.
- Second District — HOMER ROMAN, *Inspector*, 721 Auburn Drive, Macomb, Illinois. Adams, Brown, Schuyler, Fulton, Menard, Mercer, Sangamon, Adams, Pike, and Jo Daviess Counties.
- Third District — JAMES I. JAYNE, *Inspector*, Box #662, Cuba, Illinois. Fulton and Henry Counties.
- Fourth District — CHARLES BLAKENEY, *Inspector*, R.R. #4, Danville, Illinois. Douglas, Vermilion, and Kankakee Counties.
- Fifth District — ALBERT MORRIS, *Inspector*, 807 West Elm Street, Taylorville, Illinois. Christian, Montgomery, and Madison Counties.
- Sixth District — JAMES G. GUINEY, *Inspector*, 402 S. Jesse Street, Christopher, Illinois. Franklin County.
- Seventh District — RAY MCCLUSKEY, *Inspector*, 602 E. Grand Ave., Carterville, Illinois. Jackson and Williamson Counties.
- Eighth District — CHARLES L. MORROW, *Inspector*, Tamaroa, Illinois. Jackson, Perry, Randolph, St. Clair, Monroe, and Washington Counties.
- Ninth District — JACK COULSON, *Inspector*, Box #217, Coulterville, Illinois. Jackson, Perry, Randolph, St. Clair, and Williamson Counties.
- Tenth District — GEORGE G. GUINEY, *Inspector*, Sesser, Illinois. Franklin and St. Clair Counties.
- Eleventh District — JOHN KOTZMAN, *Inspector*, 907 E. Leonard, Staunton, Illinois. Greene, Macoupin, Montgomery, and St. Clair Counties.
- Twelfth District — THEODORE PLUMLEE, *Inspector*, R.F.D. #3, Box 29, West Frankfort, Illinois. Williamson County.
- Thirteenth District — JOHN ROMINE, *Inspector*, 606 S. Monroe, West Frankfort, Illinois. Franklin and Williamson Counties.

Fourteenth District — ROSCOE MOORE, *Inspector*, 301 E. Washington, Benton, Illinois. Jefferson, Randolph, and Williamson Counties.

Fifteenth District — WILLIAM O. JOHNSTON, *Inspector*, 205 S. Victor, Christopher, Illinois. Saline and Williamson Counties.

Sixteenth District — JOSEPH POOLE, *Inspector*, P.O. Drawer 446, Harrisburg, Illinois. Gallatin, Saline and Williamson Counties.

Seventeenth District — HAROLD RICHMOND, *Inspector-at-Large*, 33 W. Crown View Drive, Mt. Vernon, Illinois. Jefferson, Wabash, Clay, and Crawford Counties.

I *General*

I GENERAL—TABLE 1—DIRECTORY

No.	Name of Operator	County	Post Office
1	B & W Coal Company #1.....	Gallatin.....	Junction.....
2	Basin Cream Coal Co., El-Ben #1.....	Williamson.....	Herrin.....
3	Bell & Zoller Coal Co., Zeigler #3.....	Williamson.....	Zeigler.....
4	Bell & Zoller Coal Co., Zeigler #4.....	Williamson.....	Johnston City.....
5	Big Muddy Coal Company.....	Williamson.....	DeSoto.....
6	Blue Bird Coal Co., Turner #1 Mine.....	Williamson.....	Harrisburg.....
7	Blue Blaze Coal Company #2.....	Williamson.....	Cartersville.....
8	Eden Mining Corporation.....	Randolph.....	Sparta.....
9	Elk Coal Company #1.....	Jackson.....	Elkville.....
10	Fairview Collieries Corp., Flamingo.....	Fulton.....	Fairview.....
11	Fairview Collieries Corp., Harmattan.....	Vermilion.....	Danville.....
12	Fabco, Inc.....	Jackson.....	DeSoto.....
13	Farley Bros. Coal Co., Black Dot #2.....	Jackson.....	DeSoto.....
14	Forsyth-Energy Coal Co.....	Williamson.....	Herrin.....
15	Freeman Coal Mining Corp., Crown.....	Montgomery.....	Farmersville.....
16	Freeman Coal Mining Corp., Orient #3.....	Jefferson.....	Waltonville.....
17	Freeman Coal Mining Corp., Orient #4.....	Williamson.....	Marion.....
18	Freeman Coal Mining Corp., Orient #5.....	Franklin.....	West Frankfort.....
19	Hazel Dell Coal Corp. #1.....	Mercer.....	New Windsor.....
20	Houston Coal Co. #1.....	Saline.....	Carrier Mills.....
21	Liberty Coal Company #2.....	Saline.....	Cartersville.....
22	Liberty Coal Company #3.....	Williamson.....	Cartersville.....
23	Little Dog Coal Company.....	Macoupin.....	Gillespie.....
24	Little Sister Coal Corp.....	Fulton.....	St. David.....
25	Livingston-Mt. Olive Coal Co. #1.....	Madison.....	Livingston.....
26	Marshall Equip. Co., Mary Ann.....	Saline.....	Harrisburg.....
27	Midland Electric Coal Corp. #1.....	Bureau.....	Atkinson.....
28	Midland Electric Coal Corp., Green Diamond.....	St. Clair.....	Marissa.....
29	Midland Electric Coal Corp., Mecco.....	Knox.....	Victoria.....
30	Midland Electric Coal Corp., Middlegrove.....	Fulton.....	Farmington.....
31	Moffat Coal Company, Murdock.....	Douglas.....	Murdock.....
32	Morse Coal Company.....	Williamson.....	Carrier Mills.....
33	New Gallatin Coal Co. #1.....	Saline.....	Harrisburg.....
34	New Gallatin Coal Co. #2.....	Saline.....	Harrisburg.....
35	New Gallatin Coal Co., New Oak Hill #6.....	Saline.....	Harrisburg.....
36	Old Ben Coal Corporation #9.....	Franklin.....	West Frankfort.....
37	Old Ben Coal Corporation #21.....	Franklin.....	Sesser.....
38	Parton Coal Company #2.....	Williamson.....	Marion.....
39	Peabody Coal Company #10.....	Christian.....	Pawnee.....
40	Peabody Coal Co., Bright Star.....	Fulton.....	Fairview.....
41	Peabody Coal Co., Edwards.....	Peoria.....	Edwards.....
42	Peabody Coal Co., Key.....	Schuyler.....	Rushville.....
43	Peabody Coal Co., Northern Illinois.....	Kankakee.....	South Wilmington.....
44	Peabody Coal Co., River King.....	St. Clair.....	Freeburg.....
45	Peabody Coal Co., Utility.....	Williamson.....	Marion.....
46	Polinski Mines, Dogwalk.....	Williamson.....	Marion.....
47	Sahara Coal Company, Inc. #5.....	Saline.....	Harrisburg.....
48	Sahara Coal Company, Inc. #6.....	Saline.....	Harrisburg.....
49	Sahara Coal Company, Inc. #16.....	Saline.....	Harrisburg.....
50	Shawneetown Coal Corp. #1.....	Saline.....	Herrin.....
51	Shuler Coal Company.....	Henry.....	Alpha.....
52	Southwestern Illinois Coal Corp., Captain.....	Perry.....	Perey.....
	Southwestern Illinois Coal Corp., Streamline.....	Randolph.....	Perey.....
54	Stonefort Coal Mining Co., Allendale.....	Stark.....	Wyoming.....
55	Stonefort Coal Mining Co., Will Scarlet.....	Williamson.....	Stonefort.....
56	Storme Mining Company.....	Saline.....	Marion.....
57	Thunderbird Collieries Corp., Carmac.....	Williamson.....	Stonefort.....
58	Thunderbird Collieries Corp., Delta.....	Williamson.....	Marion.....
59	Thunderbird Collieries Corp., Sun Spot.....	Fulton.....	Vermont.....
60	Truax-Traer Coal Co., Burning Star #1 (Strip).....	Jackson.....	Elkville.....
61	Truax-Traer Coal Co., Burning Star #1 (Slope).....	Jackson.....	Elkville.....
62	Truax-Traer Coal Company #2.....	Perry.....	DuQuoin.....

OF SHIPPING MINES — 1964

General Superintendent	Superintendent of Mine	Local Mine Manager	Address of Main Office of Company	No.
Lawrence Boutwell	Lawrence Boutwell	George Kowalis	R. R. 1, Junction, Ill.	1
Art Towles	Ben F. Littlehale	Virgil Woodburn	P. O. Box 268, Herrin, Ill.	2
Art Towles	George Stachura	Mike Sakovich	208 So. LaSalle St., Chicago, Ill.	3
	D. Pierce	Guy Robinson	208 So. LaSalle St., Chicago, Ill.	4
	Eugene Farley		Box 239, DeSoto, Ill.	5
H. C. Hess		Hallie Brooks	P. O. Box 369, Harrisburg, Ill.	6
	Claud Gentry	Virgil Woodburn	Box B, Carterville, Ill.	7
Phillip L. Stillely	Gerald Burger	Gerald Burger	P. O. Box 261, Sparta, Ill.	8
Russell E. Danbury		Harry Martin	Elkville, Illinois	9
W. A. Endicott	George Wilson		105 So. Meridian, Indianapolis, Ind.	10
W. A. Endicott	Eugene Farley		105 So. Meridian, Indianapolis, Ind.	11
	Eugene Farley		Box 239, DeSoto, Illinois	12
J. P. McDowell	E. W. Pearson	Eugene Farley	Box 239, DeSoto, Illinois	13
			Peabody Coal Co., P. O. Box 235, St. Louis, Missouri	14
Harry Williamson, Jr.	Bernard Burke	John Carney	300 W. Washington, Chicago, Ill.	15
Harry Williamson, Jr.	H. L. Schulz	R. M. Griffiths	300 W. Washington, Chicago, Ill.	16
Harry Williamson, Jr.	Van E. Austin	John Baker	300 W. Washington, Chicago, Ill.	17
Harry Williamson, Jr.	Charles E. Sanford	Andy W. Hutchens	300 W. Washington, Chicago, Ill.	18
Dale L. Johnson	John Bugos	David E. Miller	New Windsor, Illinois	19
	Robert L. Houston	Charles H. Houston	Route 5, Marion, Illinois	20
Waldo Easley	Waldo Easley	Waldo Easley	214 Washington, Carterville, Ill.	21
Jack McCoy	Jack McCoy	Jack McCoy	214 Washington, Carterville, Ill.	22
Clarence V. Beck, Jr.	Clarence V. Beck, Jr.	Elmer O'Neal	1724 Railway Exchange Bldg., St. Louis, Missouri	23
Gene Long	Joseph Q. Berta	Carl Bowlin	111 N. Wabash Ave., Chicago, Ill.	24
		Ralph W. Baugh	Livingston, Illinois	25
R. W. Marshall	R. W. Marshall	R. W. Marshall	P. O. Box 352, Harrisburg, Ill.	26
R. L. Geissal			Peabody Coal Co., 301 N. Memorial Dr., St. Louis, Missouri	27
F. W. Macke	F. W. Macke	Arthur Ward	Peabody Coal Co., 301 N. Memorial Dr., St. Louis, Missouri	28
R. L. Geissal	John M. Arnold		Peabody Coal Co., 301 N. Memorial Dr., St. Louis, Missouri	29
R. L. Geissal	D. B. Lanier	D. B. Lanier	Peabody Coal Co., 301 N. Memorial Dr., St. Louis, Missouri	30
Arthur Towles	Elmos Williams	John Edwards	208 S. LaSalle, Chicago, Ill.	31
Bill J. Morse	Bill J. Morse	Bill J. Morse	R. R. 45, Carrier Mills, Ill.	32
Theron Simmons	Theron Simmons		Box 411, Harrisburg, Ill.	33
Albert Malone		Albert Malone	Box 411, Harrisburg, Ill.	34
Theron Simmons	Theron Simmons		Box 411, Harrisburg, Ill.	35
G. A. Strunck	Oscar D. McDaniel	H. C. Herrin (Day)	360 W. Jackson Blvd., Chicago 6, Ill.	36
		William Scott (Night)		
G. A. Strunck	Isham Jones	Ford Bain	360 W. Jackson Blvd., Chicago 6, Ill.	37
		Dennis Frailey		
Bennie Parton	Charlie Parton	Robert Littlefair		
Joe Craggs	D. L. Gilmartin	Everett Howerton	501 S. Vicksburg, Marion, Ill.	38
Dick Geissal	C. H. German	Coil Whitlow	301 N. Memorial Dr., St. Louis 2, Mo.	39
R. L. Geissal	H. W. Jeffers		301 N. Memorial Dr., St. Louis 2, Mo.	40
J. P. McDowell	R. A. Campbell		301 N. Memorial Dr., St. Louis 2, Mo.	41
James P. McDowell	Otis English		301 N. Memorial Dr., St. Louis 2, Mo.	42
James McDowell	Hubert Fox		301 N. Memorial Dr., St. Louis 2, Mo.	43
James McDowell	John Heatherly	Ben Rees	301 N. Memorial Dr., St. Louis 2, Mo.	44
K. C. Polinski	K. C. Polinski	K. C. Polinski	301 N. Memorial Dr., St. Louis 2, Mo.	45
Paul Halbersleben	Tom Goldman		1100 E. Main, Marion, Ill.	46
Paul Halbersleben	J. A. Bottomley	Harold Hancock	59 E. Van Buren, Chicago, Ill.	47
Paul Halbersleben	Charles Boyd	Douglas Ewell	59 E. Van Buren, Chicago, Ill.	48
	Paul McSpadden	John Lane	59 E. Van Buren, Chicago, Ill.	49
	John W. Whimpey	Percy G. McSpadden	1115 N. Park Ave., Herrin, Ill.	50
W. E. Mullins	Dale Walker	John W. Whimpey	1012 First National Bldg., Davenport, Iowa	51
W. E. Mullins	R. L. Hays		1514 Merchants Bank Bldg., Indianapolis, Ind.	52
	Wayne Edwards		1514 Merchants Bank Bldg., Indianapolis, Ind.	53
Kenneth V. Storme	D. B. Sims		2829 N. Meridian, Indianapolis, Ind.	54
W. A. Endicott	Elvis Waldron		2829 N. Meridian, Indianapolis, Ind.	55
W. A. Endicott	Maurice Williams		P. O. Box 688, Marion, Ill.	56
W. A. Endicott	Clyde Dallas		105 S. Meridian, Indianapolis, Ind.	57
R. E. Henderson	Ralph T. Tolliver		105 S. Meridian, Indianapolis, Ind.	58
R. E. Henderson	M. V. Harrell	F. N. Carter	111 N. Wabash Ave., Chicago 2, Ill.	59
R. E. Henderson	Howard M. Clark		111 N. Wabash Ave., Chicago 2, Ill.	60
			111 N. Wabash Ave., Chicago 2, Ill.	61
			111 N. Wabash Ave., Chicago 2, Ill.	62

I GENERAL—TABLE 1—DIRECTORY

No.	Name of Operator	County	Post Office
63	Truax-Traer Coal Co., (Fiatt, Red Ember).....	Fulton.....	Fiatt.....
64	United Electric Coal Cos. (Cuba #9).....	Fulton.....	Cuba.....
65	United Electric Coal Cos. (Fidelity #11).....	Perry.....	DuQuoin.....
66	United Electric Coal Cos. (Buckheart #17).....	Fulton.....	Canton.....
67	United Electric Coal Cos. (Mary Moore #26).....	Vermilion.....	Danville.....
68	V-Day Coal Company.....	Vermilion.....	Danville.....
69	Wenzel Bros. Coal Co. #1.....	Williamson.....	Marion.....
70	Youngs Coal Corp., Walnut Grove.....	Saline.....	Harrisburg.....
71	Zeigler Coal & Coke Co., Spartan.....	Randolph.....	Sparta.....

I GENERAL—TABLE 1A—DIRECTORY

No.	Name of operator	County	Post office
1	Allendale Coal Company.....	Wabash.....	Allendale.....
2	Barbara Kay Coal Company.....	Williamson.....	Marion.....
3	Belle Rive Mining Company #3.....	Jefferson.....	Belle Rive.....
4	Belle Valley Coal Company, Inc.....	St. Clair.....	Belleville.....
5	Big Bear Coal Company.....	Peoria.....	Peoria.....
6	Birch Creek Coal Company.....	Greene.....	Roodhouse.....
7	Black Crystal Coal Company.....	Williamson.....	Marion.....
8	Blu-Blaz-Bloc Coa Company, Inc. #1.....	Gallatin.....	Sparks Hill.....
9	Blue Lake Coal Company.....	Vermilion.....	Catlin.....
10	Deep Valley Coal Company.....	Vermilion.....	Danville.....
11	Eddy Coal Compnvy.....	Sangamon.....	Cantrall.....
12	Gibson Coal Company #3.....	Fulton.....	Glasford.....
13	Harrisburg Coal Company, Inc.....	Williamson.....	Marion.....
14	Herod Mining Corporation #1.....	Saline.....	Herod.....
15	J. W. Coal Company, Inc. #1.....	Saline.....	Herod.....
16	Jones Coal Company.....	Fulton.....	Astoria.....
17	Juziatiss Coal Company.....	Vermilion.....	Danville.....
18	Layne's Coal Company #5.....	Peoria.....	Brimfield.....
19	Leamington Coal Company.....	Gallatin.....	Carrier Mills.....
20	Little Coal Company.....	Fulton.....	Lewistown.....
21	Logan County Coal Mine, Inc. #1.....	Logan.....	Lincoln.....
22	Lumaghi Coal Company #4.....	Madison.....	Collinsville.....
23	Lump Coal Company.....	Fulton.....	Cuba.....
24	Morgan Coal Company.....	St. Clair.....	Millstadt.....
25	Clifford Morgan Coal Company.....	Jackson.....	Ava.....
26	Morrison Coal Company.....	Fulton.....	Ipava.....
27	New Salem Mining Corp. #1.....	Menard.....	Petersburg.....
28	Peabody Coal Company, (Midwest).....	St. Clair.....	Millstadt.....
29	Peabody Coal Company, (Midwest Drift).....	St. Clair.....	Millstadt.....
30	Walter Richard Coal Company.....	Fulton.....	Lewistown.....
31	Shawnee Coal Company.....	Saline.....	Stonewort.....
32	Sherwood-Templeton Coal Co. (Pioneer Collieries).....	Peoria.....	Laura.....
33	Shiloh Valley Coal Company.....	St. Clair.....	Belleville.....
34	Tregoning Coal Company.....	Williamson.....	DuQuoin.....
35	Triple S Mines, Inc. #2.....	Adams.....	Augusta.....
36	Truax-Traer Coal Company.....	Montgomery.....	Coffeen.....
37	The United Electric Coal Cos. (Banner #27).....	Peoria.....	Glasford.....
38	Venedy Coal Company.....	Washington.....	Venedy.....
39	Viola Materials, Inc. #1.....	Mercer.....	Viola.....
40	Zaborac Coal Company.....	Peoria.....	Peoria.....

OF SHIPPING MINES—1964—Concluded

General Superintendent	Superintendent of Mine	Local Mine Manager	Address of Main Office of Company	No.
Gene Long.....	Joseph Q. Berta.....	L. A. Fitch.....	111 N. Wabash Ave., Chicago 2, Ill.....	63
.....	R. McAdams.....	.....	307 N. Michigan, Chicago, Ill.....	64
.....	E. E. Laurell.....	.....	307 N. Michigan, Chicago, Ill.....	65
.....	L. W. Barco.....	.....	307 N. Michigan, Chicago, Ill.....	66
.....	R. Krazer.....	.....	307 N. Michigan, Chicago, Ill.....	67
.....	Karl L. Zamberletti.....	Jewel W. Jones.....	R. R. 1, Ross Lane, Danville, Ill.....	68
Carl Wenzel.....	Jerry Wenzel.....	.....	706 E. Reeves, Marion, Ill.....	69
Asa Ellis.....	.....	.....	Box 128, Petersburg, Ind.....	70
Art Towles.....	Marcel Chamness.....	Matt Pigford.....	208 S. LaSalle, Chicago, Ill.....	71

OF LOCAL MINES — 1964

General superintendent	Superintendent of mine	Local mine manager	Post Office Address of Operator	No.
.....	.....	John Kerzan, Jr.....	P. O. Box 206, Allendale, Ill.....	1
.....	.....	Thomas R. Horn.....	P. O. Box 588, Marion, Ill.....	2
.....	.....	C. W. Gillespie.....	Route 5, Mt. Vernon, Ill.....	3
Edward Williamson.....	Edward Williamson.....	Joseph Micheletto.....	Rt. 1, Belleville, Ill.....	4
.....	.....	Howard Rudloff.....	3110 N. Humboldt St., Peoria, Ill.....	5
.....	.....	Earl L. Bacon.....	R. R. #3, Roodhouse, Ill.....	6
Frank Hilliard.....	Frank Hilliard.....	Frank Hilliard.....	807 N. Washington St., Marion, Ill.....	7
.....	Bernard Miles.....	Bernard Miles.....	Sparks Hill, Ill.....	8
.....	Phil Faber.....	Walter Mauck.....	Catlin, Ill.....	9
.....	Harvey Mauek.....	Granville Harris.....	1107 North Logan, Danville, Ill.....	10
.....	.....	Orie Roberts.....	Cantrall, Illinois.....	11
.....	.....	Jack Gibson.....	Glasford, Illinois.....	12
Arlie King.....	Lavern King.....	Andrew Jones.....	P. O. Box 27, Marion, Ill.....	13
.....	Burl K. George.....	.....	P. O. Box 3, Herod, Illinois.....	14
.....	Francis Douglas.....	.....	P. O. Box 3, Herod, Illinois.....	15
Don Jones.....	Don Jones.....	Don Jones.....	Astoria, Illinois.....	16
.....	Anthony Juziatia.....	.....	Rt. 4, Danville, Ill.....	17
Helen Layne.....	.....	Richard Layne.....	Rt. 2, Box 144A, Brimfield, Ill.....	18
Elmer Holland.....	Elmer Holland.....	Bill Morse.....	Box 376, Carrier Mills, Ill.....	19
C. J. Deitz.....	.....	.....	Box 312, Lewistown, Ill.....	20
C. D. Ezell.....	.....	Louis Marada.....	P. O. Box 155, Lincoln, Ill. 62656.....	21
S. L. Hurst.....	.....	Joseph Micheletto.....	111 No. 4th St., St. Louis 2, Mo.....	22
Lyle Murphy.....	Lyle Murphy.....	.....	Cuba, Illinois.....	23
Charles Thomas.....	.....	.....	2850 N. Meridian, Indianapolis, Ind.....	24
Clifford Morgan.....	Clifford Morgan.....	Clifford Morgan.....	Route 1, Ava, Illinois.....	25
William Morrison.....	William Morrison.....	William Morrison.....	P. O. Box 4, Ipava, Illinois.....	26
Ira E. Theobald.....	.....	Deldon Grant.....	Route 1, Petersburg, Ill.....	27
James McDowell.....	Fred Schroder.....	.....	301 N. Memorial Dr., St. Louis, Mo.....	28
James McDowell.....	Fred Schroder.....	Clifford Frost.....	301 N. Memorial Dr., St. Louis, Mo.....	29
Walter Richard.....	Walter Richard.....	Walter Richard.....	R. R. #2, Box 131, Lewistown, Ill.....	30
C. H. McCabe.....	C. H. McCabe.....	.....	Box 84, Stonefort, Ill.....	31
W. W. Dukes.....	H. C. Mead.....	C. H. McMillen.....	2829 N. Meridian, Indianapolis, Ind.....	32
Clarence A. Frost.....	Clarence A. Frost.....	Clarence A. Frost.....	R. R. #2, Belleville, Ill. 62221.....	33
William Davison.....	William Davison.....	William Davison.....	422 W. Franklin, DuQuoin, Ill.....	34
David E. Rowland.....	Walter M. Rowland.....	Walter M. Rowland.....	Cuba, Illinois.....	35
Cleon Fowler.....	Warren Sharpensburg.....	Jim White.....	111 N. Wabash Ave., Chicago, Ill. 60602.....	36
.....	R. F. Donaldson.....	.....	307 N. Michigan, Chicago 1, Ill.....	37
.....	Driscoll Scanlon.....	Driscoll Scanlon.....	Venedy, Illinois.....	38
.....	.....	Larry W. Brown.....	Box 416, Viola, Illinois.....	39
Joe Zaborac.....	Joe Zaborac.....	Joe Zaborac.....	1913 N. Boyd Ave., Peoria, Ill. 61604.....	40

I GENERAL — TABLE 2

GENERAL STATEMENT WITH COMPARATIVE FIGURES — 1960-1964

	1964	1963	1962	1961	1960
COUNTIES AND MINES					
Number of counties producing coal.....	31	34	33	35	37
Number of mines operated.....	108	116	116	128	142
Number of shipping mines.....	68	67	64	67	78
Number of local mines.....	40	49	52	61	64
Number of shipping mines—underground.....	28	25	27	31	38
Number of shipping mines—strip.....	40	42	37	36	40
Number of local mines—underground.....	18	20	20	24	23
Number of local mines—strip.....	22	29	32	37	41
OUTPUT IN TONS					
All mines.....	54,834,488	51,642,431	48,353,913	45,132,526	45,820,632
All shipping mines.....	51,888,467	48,375,564	45,262,974	42,825,911	43,703,382
All local mines.....	2,946,021	3,266,867	3,090,939	2,306,615	2,117,250
Shipping mines—underground.....	24,024,501	23,181,300	22,780,517	21,826,052	22,756,400
Shipping mines—strip.....	27,863,966	25,194,264	22,482,457	20,999,859	20,946,982
Local mines—underground.....	853,850	1,244,709	969,523	379,529	356,705
Local mines—strip.....	2,092,171	2,022,158	2,121,416	1,927,086	1,760,546
DISPOSITION					
Tons handled by railroads.....	45,338,877	42,707,397	39,521,323	36,261,324	37,672,227
Tons disposed of otherwise.....	9,495,611	8,935,034	8,832,590	8,851,202	8,248,406
EMPLOYEES					
Shipping mines—underground.....	5,134	4,913	4,908	5,138	6,604
Local mines—underground.....	569	584	583	399	436
Shipping mines—strip.....	3,091	3,089	2,984	3,114	3,168
Local mines—strip.....	285	305	319	294	325
Shipping mines—total.....	8,225	8,002	7,892	8,252	9,772
Local mines—total.....	854	889	882	693	761
All mines.....	9,079	8,891	8,774	8,945	10,533
DAYS					
Average days worked, shipping mines.....	185	187	182	177	171
Average days worked, local mines.....	129	132	127	112	110
MINING METHOD					
Number of mining machines in use.....	91	90	87	113	132
Tons mined by machine.....	24,878,351	24,426,009	23,750,040	22,203,257	23,099,304
Tons mined by hand.....				2,324	13,801
Tons mined by stripping.....	29,956,137	27,216,422	24,603,873	22,926,945	22,707,527
LOADING					
Number of mechanical loaders in use.....	80	112	102	148	154
Tons loaded mechanically.....	24,024,501	23,181,300	22,780,517	21,823,768	22,731,002
Tons loaded by hand.....				2,284	25,398
EXPLOSIVES					
Pounds of explosives used for blasting overburden.....	48,852,647	47,113,546	40,922,745	33,541,738	33,538,645
Pounds of pellet powder used.....	77,890	56,667	62,350	411,641	38,950
Pounds of dynamite used.....	1,113,473	1,432,363	1,723,951	690,445	1,047,235
Pounds of permissible used.....	836,025	800,960	1,228,950	592,490	939,955
HAULAGE					
Number of motors used in underground haulage.....	140	126	153	181	287
Number of animals underground.....	5	6	13	24	32
CASUALTY					
Number of fatal accidents.....	9	16	20	7	10
Number of non-fatal accidents.....	435	445	418	368	385
Tons mined to one man killed.....	6,092,720	3,227,652	2,417,696	6,447,503	4,582,063
Tons mined to one man injured.....	126,056	116,050	115,679	122,643	119,015
Number employed to one man killed.....	1,009	556	439	1,278	1,053
Number employed to one man injured.....	21	20	21	24	27
MISCELLANEOUS					
Number of mines using closed lights.....	46	44	46	45	55
Number of mines using Airdox.....	22	21	19	24	31
Number of mines using Continuous Miner.....	8	7	6	7	8
Number of mines using coal breaking machines.....	5	6	9	8	9

MINES SUSPENDING OPERATIONS DURING 1964 SHOWING MONTH OF LAST OPERATION

Mine Index No.	Operator	County	Month of last operation
L-66	B & K Coal Company.....	Jackson.....	April
L-6	Belle Rive Mining Company #3.....	Jefferson.....	March
L-28	Elk Coal Company.....	Jackson.....	October
L-65	Farley Brothers Coal Co. (Black Dot #2).....	Jackson.....	September
L-109	Leamington Coal Company.....	Gallatin.....	June
L-192	Putt Creek Coal Company.....	Fulton.....	January
L-259	Ratcliff Coal Company #1.....	Fulton.....	January
L-59	Richerson Coal Company #1.....	Jackson.....	April
L-10	R-S Coal Company, Inc.....	Sangamon.....	February
L-120	Shawnee Coal Company #1.....	Saline.....	December
L-108	Wenzel Brothers Mine #1.....	Gallatin.....	February

MINES ABANDONED DURING 1964 SHOWING MONTH OF LAST OPERATION

Mine Index No.	Operator	County	Month of last operation
L-245	Crab-Orchard Co-Operative Coal Co. #1.....	Williamson.....	May
L-7	Eddy Coal Company.....	Sangamon.....	August
L-258	Gibson Coal Company #3.....	Fulton.....	April
L-116	Herod Mining Corporation #1.....	Saline.....	September
L-1	Iola Stone & Material Company.....	Clay.....	April
L-257	Jones Coal Company.....	Fulton.....	March
S-3	Livingston-Mt. Olive Coal Company.....	Madison.....	January
S-7	Lumaghi Coal Company.....	Madison.....	March
L-238	Lump Coal Company (Pit #3).....	Fulton.....	April
S-1	Marion County Coal Mining Corporation.....	Marion.....	January
S-11	Midland Electric Coal Corporation.....	Bureau.....	June
L-91	Morgan Coal Company.....	St. Clair.....	March
L-255	Morrison Coal Co. (Lakeside Mine).....	Fulton.....	June
L-248	Morse Coal Company.....	Williamson.....	September
L-121	New Oak Hill Coal Company #6.....	Saline.....	June
L-249	Polinski Mine #1.....	Williamson.....	October
L-124	Shawneetown Coal Corporation #1.....	Saline.....	October
L-122	Storme Mining Company.....	Saline.....	October
S-94	Thunderbird Collieries Corp. (Carmac).....	Williamson.....	September
S-4	Young Development Company.....	Jefferson.....	October

NEW MINES OPENED — 1964

Mine Index No.	Operator	County	Month mine opened
S-101	Big Muddy Coal Company.....	Williamson.....	October
L-67	Fabco Coal Mining Company.....	Jackson.....	September
L-109	Leamington Coal Company #1.....	Gallatin.....	January
L-250	Liberty Coal Company #3.....	Williamson.....	June
L-123	New Gallatin Coal Company #1.....	Saline.....	June
L-125	New Gallatin Coal Company #2.....	Saline.....	October
L-124	Shawneetown Coal Corporation #1.....	Saline.....	September
S-34	Southwestern Illinois Coal Corp. (Captain's).....	Perry.....	October
S-5	Truax-Traer Coal Co. (Hillsboro).....	Montgomery.....	September
L-251	Wenzel Brothers.....	Williamson.....	November

MINES REOPENED DURING 1964

Mine Index No.	Name of operator when mine suspended operations	Month and year of last operation	County	Name of operator when mine reopened	Month reopened
L-11	New Salem Coal Co.	6/63.....	Menard.....	New Salem Mining Corp..	5/64
S-1	Truax-Traer Coal Co. (Drift Mine).....	5/9/62.....	Jackson.....	Truax-Traer Coal Co. (Drift).....	5/64

NAME CHANGES DURING 1964

Mine Index No.	Former name of company	County	Present name of company	Month name changed
L-245	Blue Blaze Coal Co. #2.....	Williamson.....	Basin Cream Coal Co., Inc. (El-Ben #1).....	11/64
S-40	Fairview Collieries Corp. (Flamingo Mine).....	Fulton.....	Peabody Coal Company (Bright Star Mine).....	4/64
L-122	Liberty Coal Company #2.....	Saline.....	Storme Mining Co. #1.....	10/64
L-11	New Salem Coal Company...	Menard.....	New Salem Mining Corp.....	10/64

II *Production*

**II PRODUCTION—TABLE 3—AVERAGE MAN-DAY PRODUCTION—
SHIPPING MINES**

County	Reports tabulated	Man-days	Tons mined	Per cent of mines reported	Average tons per man-day
BUREAU—					
Underground mines.....					
Strip mines.....	1	16,019	258,932	100%	16.2
CHRISTIAN—					
Underground mines.....	1	240,744	5,451,697	100%	22.6
Strip mines.....					
DOUGLAS—					
Underground mines.....	1	29,239	581,246	100%	19.9
Strip mines.....					
FRANKLIN—					
Underground mines.....	3	233,779	5,908,612	100%	25.3
Strip mines.....					
FULTON—					
Underground mines.....					
Strip mines.....	7	216,106	8,386,551	100%	38.8
GALLATIN—					
Underground mines.....	1	6,195	51,720	100%	8.3
Strip mines.....					
HENRY—					
Underground mines.....	1	8,228	70,504	100%	8.6
Strip mines.....					
JACKSON—					
Underground mines.....	2	8,454	138,032	100%	16.3
Strip mines.....	3	31,183	1,253,743	100%	40.2
JEFFERSON—					
Underground mines.....	1	132,949	2,517,491	100%	18.9
Strip mines.....					
KANKAKEE—					
Underground mines.....					
Strip mines.....	1	44,940	827,885	100%	18.4
KNOX—					
Underground mines.....					
Strip mines.....	1	22,528	904,360	100%	40.1
MACOUPIN—					
Underground mines.....	1	31,587	373,937	100%	11.8
Strip mines.....					
MADISON—					
Underground mines.....	1	1,002	3,211	100%	3.2
Strip mines.....					
MERCER—					
Underground mines.....	1	3,691	50,189	100%	13.6
Strip mines.....					
MONTGOMERY—					
Underground mines.....	1	123,889	2,050,994	100%	16.6
Strip mines.....					
PEORIA—					
Underground mines.....					
Strip mines.....	1	14,007	315,686	100%	22.5
PERRY—					
Underground mines.....					
Strip mines.....	3	96,639	4,051,589	100%	41.9
RANDOLPH—					
Underground mines.....	1	43,102	831,885	100%	19.3
Strip mines.....	2	42,998	1,537,169	100%	35.7
ST. CLAIR—					
Underground mines.....	1	38,967	1,121,772	100%	28.8
Strip mines.....	1	69,079	3,463,535	100%	50.1
SALINE—					
Underground mines.....	4	99,461	1,305,777	100%	13.1
Strip mines.....	7	92,797	2,119,501	100%	22.8
SCHUYLER—					
Underground mines.....					
Strip mines.....	1	14,787	566,885	100%	38.3
STARK—					
Underground mines.....					
Strip mines.....	1	11,502	444,795	100%	38.7
VERMILION—					
Underground mines.....	1	3,836	39,440	100%	10.3
Strip mines.....	2	38,666	1,066,101	100%	27.6
WILLIAMSON—					
Underground mines.....	7	211,626	3,527,994	100%	16.7
Strip mines.....	9	102,176	2,667,134	100%	26.1

II PRODUCTION—TABLE 4—OUTPUT OF SHIPPING MINES BY MONTHS— 1959-1964

Months	1959	1960	1961	1962	1963	1964
January.....	4,018,467	3,880,491	3,768,239	3,909,318	4,165,168	4,552,686
February.....	3,412,558	3,802,428	3,097,032	3,403,446	3,738,760	3,922,547
March.....	3,509,816	4,233,742	3,512,665	3,777,831	4,006,987	4,243,175
April.....	3,380,293	3,254,288	3,335,569	3,581,401	4,104,473	4,137,868
May.....	3,380,155	3,269,089	3,519,987	3,769,014	4,253,336	4,089,974
June.....	3,514,563	3,252,637	3,354,613	4,081,895	4,276,719	4,285,444
July.....	2,573,753	2,543,620	2,680,381	2,241,009	2,607,545	3,034,109
August.....	3,548,135	3,966,603	3,799,626	4,135,470	4,246,660	4,435,203
September.....	3,843,961	3,791,095	3,660,237	3,538,901	4,104,438	4,550,821
October.....	4,070,581	3,887,761	4,148,934	4,427,685	4,473,642	5,011,308
November.....	4,038,584	3,873,957	3,969,540	4,191,898	4,014,691	4,567,850
December.....	4,224,871	3,947,671	3,979,088	4,205,106	4,383,345	5,057,682
Total.....	43,515,737	43,703,382	42,825,911	45,262,974	48,375,564	51,888,467

II PRODUCTION—TABLE 5—NUMBER OF SHIPPING MINES OPERATED AND AVERAGE DAYS WORKED EACH MONTH — 1959-1964

Months	1959		1960		1961		1962		1963		1964	
	Mines	Days	Mines	Days	Mines	Days	Mines	Days	Mines	Days	Mines	Days
January.....	76	18	73	16	67	18	62	19	59	19	57	20
February.....	76	16	72	17	67	15	60	16	59	18	56	17
March.....	74	15	72	19	65	15	58	18	69	17	55	18
April.....	67	15	68	15	61	15	58	16	60	17	56	18
May.....	67	15	64	15	59	15	57	16	60	17	56	17
June.....	64	15	61	16	59	14	59	18	62	18	59	18
July.....	66	11	61	12	55	12	58	10	60	12	58	14
August.....	69	15	67	17	63	15	61	17	59	18	56	20
September.....	71	16	66	17	64	16	60	16	59	18	58	19
October.....	70	18	66	18	64	19	61	19	60	19	67	20
November.....	72	17	68	18	64	18	61	18	59	17	57	19
December.....	71	18	67	18	63	18	60	18	69	19	58	21

II PRODUCTION—TABLE 6—RELATIVE RANK OF COUNTIES PRODUCING 500,000 TONS OF MORE — 1960-1964

County	Rank	1964	Rank	1963	Rank	1962	Rank	1961	Rank	1960
Fulton.....	1	8,389,797	2	6,222,217	3	5,116,307	2	4,868,148	2	5,238,264
Williamson.....	2	6,373,905	1	6,498,666	1	5,784,048	1	5,909,528	1	6,268,864
Franklin.....	3	5,908,612	5	5,227,110	4	4,887,527	5	3,778,864	4	4,128,674
St. Clair.....	4	5,803,596	3	5,711,778	5	4,834,081	4	4,418,875	5	4,844,857
Christian.....	5	5,451,697	4	5,351,930	2	5,266,166	3	4,587,309	3	4,117,552
Perry.....	6	4,051,589	7	3,517,328	6	3,367,193	8	2,618,814	7	2,829,392
Saline.....	7	3,824,271	6	3,639,171	7	3,326,033	6	3,037,556	8	2,797,171
Jefferson.....	8	2,518,650	8	2,706,824	8	2,630,135	7	2,899,807	6	2,960,094
Randolph.....	9	2,369,054	10	1,905,409	11	1,918,325	11	1,706,475	11	1,716,777
Montgomery.....	10	2,070,058	9	2,020,981	10	2,038,301	10	2,055,334	10	1,931,657
Jackson.....	11	1,392,165	12	1,260,641	14	1,020,356	13	1,092,722	12	1,315,057
Peoria.....	12	1,137,300	14	944,050	13	1,067,538	14	1,012,078	17	639,048
Vermilion.....	13	1,116,656	13	1,154,057	12	1,095,008	12	1,125,283	13	1,100,264
Knox.....	14	904,360	11	1,553,006	9	2,120,818	9	2,061,109	9	2,239,285
Kankakee.....	15	827,985	15	656,743	15	734,460	15	743,999	14	688,589
Douglas.....	16	581,246	19	627,221	17	542,254	18	571,181	18	606,589
Schuyler.....	17	566,885	16	584,868	18	501,955	16	628,798	16	589,590
Madison.....	-----	-----	17	580,240	16	568,089	17	623,235	15	667,868
Stark.....	-----	-----	18	534,207	-----	-----	-----	-----	-----	-----

II PRODUCTION—TABLE 7—TONS OF COAL PRODUCED, AVERAGE DAYS WORKED, NUMBER OF MINES OPERATED, AND NUMBER OF EMPLOYEES IN ALL SHIPPING MINES, WITH PERCENTAGES BY YEARS FROM 1920 to 1964 INCLUSIVE

Years	All shipping mines				Strip mines				Percentage of strip mines		
	Number of—		Average days worked	Tons produced	Number of—		Average days worked	Tons produced			
	Mines	Men			Mines	Men					
1920.....	373	85,037	176	72,409,610	3	217	149	367,009	0.08	0.25	0.57
1921.....	389	92,080	174	78,339,082	3	242	183	437,006	0.08	0.26	0.56
1922.....	352	93,681	127	61,406,093	5	446	134	533,923	1.42	0.48	0.87
1923.....	374	99,081	146	73,410,837	6	412	180	895,608	1.60	0.42	1.22
1924.....	338	85,499	139	70,324,363	11	611	155	1,184,238	3.25	0.64	1.68
1925*.....	255	77,629	231	100,012,299	18	1,181	264	4,722,597	7.06	1.52	4.72
1926.....	244	73,497	155	67,836,441	16	1,203	176	3,482,611	6.56	1.64	5.13
1927.....	241	74,117	112	44,926,433	15	1,139	138	2,756,410	6.22	1.54	6.14
1928.....	206	61,154	152	54,284,184	14	1,149	206	4,113,908	6.80	1.88	7.58
1929.....	200	54,721	162	59,075,995	17	1,518	176	5,250,501	8.50	2.77	8.89
1930.....	185	51,215	145	51,996,608	15	1,519	181	6,220,336	8.11	2.97	11.96
1931.....	167	47,024	130	43,073,058	15	1,591	164	6,576,677	8.92	3.38	15.27
1932.....	162	44,078	107	31,402,399	17	1,769	163	6,628,228	10.50	4.00	21.11
1933.....	159	40,660	131	35,390,677	20	1,890	131	5,599,006	12.58	4.65	15.82
1934.....	172	40,943	147	38,655,527	26	2,042	134	6,008,218	15.12	4.99	15.54
1935.....	182	40,496	147	41,410,414	28	2,338	148	7,088,104	15.38	5.77	17.72
1936.....	176	40,011	153	47,285,587	30	2,803	141	8,873,299	17.04	7.00	18.16
1937.....	168	38,553	152	48,062,076	30	3,133	152	11,176,074	17.85	8.12	23.25
1938.....	149	35,247	135	38,442,859	25	2,881	153	10,058,999	16.77	8.17	26.16
1939.....	146	33,034	148	42,994,107	26	2,854	170	11,295,547	17.80	8.63	26.27
1940.....	139	29,695	140	46,071,806	27	2,873	176	12,024,635	18.7	9.6	26.1
1941.....	143	30,258	168	51,033,319	30	3,169	175	13,367,089	20.9	10.4	26.1
1942.....	141	30,022	201	61,124,628	28	3,495	209	15,937,681	20.5	11.8	26.1
1943.....	141	28,753	241	68,971,621	26	3,431	212	15,484,712	18.0	11.9	22.0
1944.....	157	29,010	230	73,955,923	31	3,730	204	17,108,528	19.7	12.8	23.1
1945.....	159	28,198	224	70,322,301	37	3,481	198	16,203,763	23.2	12.3	22.0
1946.....	160	29,745	196	60,932,785	36	3,479	166	14,302,739	22.7	11.7	23.5
1947.....	160	29,594	220	64,612,627	38	3,702	208	17,827,339	22.7	12.5	27.4
1948.....	160	29,803	186	62,494,412	45	4,064	172	16,758,306	28.1	13.6	26.8
1949.....	157	28,520	133	44,772,617	45	4,248	120	12,835,980	28.6	14.9	28.6
1950.....	149	28,246	161	54,356,918	39	3,729	151	16,469,126	26.1	13.2	30.3
1951.....	136	26,836	158	52,595,098	33	3,429	191	17,289,932	24.3	12.7	32.9
1952.....	111	21,674	151	43,274,400	27	3,066	175	15,340,989	24.3	14.1	35.5
1953.....	97	17,201	153	43,847,321	29	3,076	168	15,495,734	29.9	17.8	35.3
1954.....	87	15,252	152	40,017,802	28	2,889	168	15,388,078	32.2	18.8	38.5
1955.....	85	12,418	169	43,880,729	35	2,879	170	17,535,630	41.2	23.2	40.0
1956.....	88	11,857	167	45,538,998	42	3,038	157	18,041,603	47.7	25.6	39.6
1957.....	92	11,604	164	44,532,214	50	3,154	150	18,439,200	54.3	27.2	41.4
1958.....	85	10,313	158	41,856,967	49	3,402	141	19,318,772	57.6	33.0	46.1
1959.....	83	10,027	162	43,515,737	46	3,185	152	20,532,528	55.4	31.8	47.2
1960.....	78	9,772	171	43,703,382	40	3,168	167	20,946,982	51.3	32.4	47.9
1961.....	67	8,252	177	42,825,911	36	3,114	181	20,999,859	53.7	37.7	49.0
1962.....	64	7,892	182	45,262,974	37	2,984	183	22,482,457	57.8	37.8	49.7
1963.....	67	8,002	187	48,375,564	42	3,089	177	25,194,264	65.7	38.6	52.1
1964.....	68	8,225	185	51,888,467	40	3,091	186	27,863,966	58.8	37.6	53.7

* From July 1, 1924 to December 31, 1925.

II PRODUCTION—TABLE 8—MINES AND PRODUCTION

	1964		1963		Increase (+) Decrease (—)		Per cent of Increase (+) Decrease (—)	
	Mines	Tons	Mines	Tons	Mines	Tons	Mines	Tons
Shipping mines.....	68	51,888,467	67	48,375,564	+1	+3,512,903	+1.5	+7.26
Local Mines.....	40	2,946,021	49	3,266,867	—9	—320,846	—18.4	—9.8
Total.....	108	54,834,488	116	51,642,431	—8	+3,192,057	—6.9	+6.2

II PRODUCTION—TABLE 9—OUTPUT OF SHIPPING MINES

Mine index number	County, name of operator and mine	Name or number of mine	Post office address of mine	Number of days in operation and tons of coal mined							
				January		February		March		April	
				Days	Tons	Days	Tons	Days	Tons	Days	Tons
BUREAU COUNTY											
S-11	Midland Electric Coal Corp.....	#1.....	Atkinson.....	10	37,491	11	36,927	12	48,760	9	37,120
CHRISTIAN COUNTY											
S-8	Peabody Coal Co.....	#10.....	Pawnee.....	21	496,635	19	452,828	22	514,286	18	464,876
DOUGLAS COUNTY											
S-1	Moffat Coal Co.....	.....	Murdock.....	24	48,619	20	44,524	21	47,734	19	41,521
FRANKLIN COUNTY											
S-20	Old Ben Coal Corp.....	#9.....	West Frankfort	18	125,859	15	120,278	15	119,300	23	154,192
S-23	Old Ben Coal Corp.....	#21.....	Sesser.....	16	188,245	15	169,316	19	216,242	22	258,115
S-24	Freeman Coal Mining Corp.....	#5.....	West Frankfort	19	114,182	16	97,535	16	112,297	17	107,827
Average days and total tons.....				18	428,286	15	387,129	17	447,839	21	520,134
FULTON COUNTY											
S-2	Little Sister Coal Corp.....	.....	St. David.....	18	74,552	15	66,266	16	66,795	18	69,216
S-7	Midland Electric Coal Corp.....	Middle-grove	Farmington.....	23	147,094	15	93,289	14	86,075	13	81,107
S-13	Truax-Traer Coal Co.....	Red	.....	18	146,755	16	137,262	25	207,864	20	185,028
S-14	The United Electric Coal Cos.....	#9.....	Fiatt.....	19	85,226	13	57,300	18	79,111	21	94,119
S-15	The United Electric Coal Cos.....	#17.....	Canton.....	23	170,497	19	152,668	22	175,198	24	190,020
S-40*	Fairview Collieries Corp.....	"Flamingo"	Fairview.....	12	32,208	8	23,134	10	27,852	.....	.....
S-40*	Peabody Coal Co.....	"Bright Star"	Fairview.....	.....	.....	.....	.....	.....	.....	6	14,839
S-43	Thunderbird Collieries Corp.....	"Sun Spot"	Vermont.....	22	71,483	16	49,840	17	57,832	24	83,098
Average days and total tons.....				19	727,815	15	579,759	17	700,727	18	697,427
GALLATIN COUNTY											
L-2	B & W Coal Co.....	#1.....	Junction.....	23	4,268	20	4,514	19	2,330	20	4,809
HENRY COUNTY											
S-2	Shuler Coal Co.....	.....	Alpha.....	22	11,193	20	9,145	20	8,486	22	4,170
JACKSON COUNTY											
S-1	Truax-Traer Coal Co. "Strip".....	#1.....	Elkville.....	20	110,640	17	92,774	20	93,934	18	89,016
S-1	Truax-Traer Coal Co. "Slope".....	#1.....	Elkville.....	.....	.....	.....	.....	.....	.....	.....	.....
L-28	Elk Coal Co.....	#1.....	Elkville.....	17	3,857	10	1,526	11	2,524	13	2,312
L-65	Farley Bros., "Black Dot".....	#2.....	DeSoto.....	20	26,251	19	18,001	23	23,156	21	21,265
L-67	Fabco Inc.....	.....	DeSoto.....	.....	.....	.....	.....	.....	.....	.....	.....
Average days and total tons.....				19	140,748	15	112,301	18	119,614	17	112,593
JEFFERSON COUNTY											
S-3	Freeman Coal Mining Corp.....	#3.....	Waltonville.....	22	252,112	16	207,285	17	197,300	14	171,177

*Same mine, different management

AND DAYS WORKED EACH MONTH IN 1964

Number of days in operation and tons of coal mined																		Mine index number
May		June		July		August		September		October		November		December		Total		
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	
9	36,840	16	60,941	1	853											68	258,932	S-11
20	478,771	19	445,228	15	346,605	20	479,382	21	483,772	21	447,565	19	420,637	19	421,112	234	5,451,697	S-8
20	47,761	19	47,684	14	33,321	21	51,701	21	49,140	21	53,677	21	56,475	22	59,089	243	581,246	S-1
20	121,350	21	142,293	12	81,097	22	151,592	24	170,464	26	184,763	20	138,850	21	155,048	237	1,665,086	S-20
23	299,265	20	239,030	17	216,230	24	283,803	20	225,456	26	306,229	21	240,084	21	233,778	244	2,875,793	S-23
20	129,204	20	120,221	12	61,482	19	106,364	20	120,700	21	153,631	19	106,261	20	138,029	219	1,367,733	S-24
21	549,819	20	501,544	14	358,809	22	541,759	21	516,620	24	644,623	20	485,195	21	526,855	233	5,908,612	
14	64,351	15	69,067	12	54,582	16	75,496	18	82,129	20	95,188	20	94,258	25	112,961	207	924,861	S-2
14	86,799	15	88,721	13	72,800	25	146,387	23	123,299	26	159,005	24	151,196	26	149,139	231	1,384,911	S-7
17	141,835	22	180,940	12	96,280	19	151,641	17	132,667	21	169,459	20	161,971	24	182,091	231	1,873,793	S-13
15	67,820	18	81,390	11	49,819	16	72,852	19	86,086	14	64,089	19	87,196	23	97,199	206	922,207	S-14
22	178,142	22	170,085	15	116,382	20	160,989	25	201,196	26	221,315	19	163,916	19	154,543	256	2,054,951	S-15
																30	83,194	S-40*
9	17,290	21	40,093	15	31,758	20	40,651	25	60,862	13	32,732	24	62,309	26	67,014	159	367,548	S-40*
12	41,298	19	62,346	13	42,896	17	54,771	21	64,816	27	88,162	24	75,802	26	82,742	238	775,086	S-43
15	597,535	19	692,642	13	464,517	19	702,787	21	751,055	21	829,950	21	796,648	24	845,689	223	8,386,551	
21	4,079	21	5,006	21	5,335	20	3,677	17	4,011	22	4,550	19	3,240	24	5,901	247	51,720	L-2
21	4,307	22	4,283	23	1,984	19	4,971	20	6,416	23	5,306	20	4,216	22	6,027	254	70,504	S-2
20	97,382	18	88,134	14	70,172	19	84,591	22	97,725	20	84,151	19	85,364	21	98,340	228	1,092,223	S-1
		17	4,328	17	4,045	17	5,558	21	20,285	17	18,979	19	39,000	21	34,103	129	126,298	S-1
12	1,112	8	403													71	11,734	L-28
17	16,340	23	21,387	15	12,097											138	138,497	L-65
								4	3,098	10	14,975	4	3,498	3	1,452	21	23,023	L-67
16	114,834	17	114,252	15	86,314	18	90,149	16	121,108	16	118,105	14	127,862	15	133,895	117	1,391,775	
20	217,855	16	168,779	16	164,060	19	223,691	20	218,154	25	267,642	22	229,479	18	199,957	225	2,517,491	S-3

II PRODUCTION—

Mine index number	County, name of operator and mine	Name or number of mine	Post office address of mine	Number of days in operation and tons of coal mined							
				January		February		March		April	
				Days	Tons	Days	Tons	Days	Tons	Days	Tons
KANKAKEE COUNTY											
S-1	Peabody Coal Co.....	"North-ern"	S. Wilmington	26	83,095	23	74,128	22	73,802	20	58,
KNOX COUNTY											
S-4	Midland Electric Coal Corp.....	"Mecco"	Victoria.....	23	72,625	18	58,234	25	75,334	17	52,51
MACOUPIN COUNTY											
S-3	Little Dog Coal Co.....		Gillespie.....	11	27,188	9	22,927	16	34,748	15	31,039
MADISON COUNTY											
S-3	The Livingston-Mt. Olive Coal Co...	#1.....	Livingston.....	21	3,211						
MERCER COUNTY											
L-62	Hazel Dell Coal Corp.....	#1.....	New Windsor...	23	6,180	20	5,987	22	5,248	13	3,750
MONTGOMERY COUNTY											
S-4	Freeman Coal Mining Corp.....	"Crown"	Farmersville...	21	188,522	19	182,610	17	157,272	17	119,284
PEORIA COUNTY											
L-150	Peabody Coal Co.....		Edwards.....	25	25,493	16	24,773	19	24,011	18	18,876
PERRY COUNTY											
S-14	The United Electric Coal Cos.....	"Fidel-ity" #11	DuQuoin.....	21	153,550	19	133,830	25	177,003	25	177,749
S-33	Truax-Traer Coal Co.....	#2	DuQuoin.....	17	105,236	16	106,500	17	111,940	24	171,024
S-34	Southwestern Ill. Coal Corp.....	"Cap-tain"	Percy.....								
	Average days and total tons.....			19	258,786	18	240,330	21	288,943	25	348,773
RANDOLPH COUNTY											
S-7	Southwestern Ill. Coal Corp.....	"Stream-line"	Percy.....	23	110,722	18	86,608	23	105,554	19	90,203
S-17	Zeigler Coal & Coke Co.....	"Spar-tan"	Sparta.....	20	72,392	19	68,835	21	78,167	20	73,772
S-18	Eden Mining Corp.....		Sparta.....	21	15,360	18	15,006	16	12,391	23	16,120
	Average days and total tons.....			21	198,474	18	170,449	20	196,112	21	180,101
ST. CLAIR COUNTY											
S-94	Peabody Coal Co.....	"River King"	Freeburg.....	25	364,529	21	356,898	25	351,563	22	240,080
L-87	Midland Electric Coal Corp.....	"Green Dia-mond"	Marietta.....	15	80,278	16	78,357	22	107,049	20	92,871
	Average days and total tons.....			20	444,807	19	435,255	24	458,612	21	332,951

TABLE 9—Continued

Number of days in operation and tons of coal mined																	Mine index number	
May		June		July		August		September		October		November		December		Total		
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days		Tons
19	61,211	22	61,644	11	44,151	19	60,769	20	63,450	21	75,933	22	76,509	26	94,411	251	827,985	S-1
16	56,531	16	37,282	17	59,967	19	79,889	21	75,433	27	108,798	28	84,581	29	143,167	256	904,360	S-4
18	44,124	18	38,307	8	18,473	14	31,615	10	23,208	17	35,907	13	26,886	20	39,515	169	373,937	S-3
-----																21	3,211	S-3
8	2,100	8	2,000	11	2,370	12	2,300	18	3,147	21	3,900	20	6,709	23	6,498	199	50,189	L-62
18	153,169	19	149,344	15	105,723	21	156,668	21	187,267	25	221,970	22	208,978	23	220,187	238	2,050,994	S-4
15	16,124	14	14,836	16	20,247	26	29,194	25	32,141	25	31,120	20	35,902	25	42,969	244	315,686	L-150
22	162,384	22	164,195	17	123,662	22	162,419	25	177,784	24	177,962	21	146,870	22	151,672	265	1,909,080	S-14
21	166,733	22	176,930	12	94,318	22	162,534	21	176,174	26	201,012	15	102,299	13	125,546	226	1,700,246	S-33
--	-----	--	-----	--	-----	--	-----	--	-----	14	101,499	15	128,875	27	211,889	56	442,263	S-34
22	329,117	22	341,125	15	217,980	22	324,953	23	353,958	21	480,473	17	378,044	21	489,107	182	4,051,589	
17	83,401	23	103,486	18	88,074	25	151,593	22	128,841	25	148,882	21	129,186	26	155,630	260	1,382,186	S-7
20	66,853	19	65,399	12	45,052	17	66,696	21	79,623	21	80,718	16	60,615	19	73,763	225	831,885	S-17
12	12,334	10	6,838	16	15,793	12	12,686	14	8,604	18	14,650	16	13,197	14	12,004	190	154,983	S-18
16	162,588	17	175,723	15	148,919	18	230,975	19	217,068	21	244,250	18	202,998	20	241,397	225	2,369,054	
25	244,191	26	270,367	14	151,133	24	240,182	25	302,363	20	263,770	24	320,043	26	358,416	277	3,463,535	S-94
24	123,226	25	138,738	13	69,265	22	107,991	13	58,391	21	91,246	15	66,932	25	107,428	231	1,121,772	L-87
25	367,417	26	409,105	14	220,398	23	348,173	19	360,754	21	355,016	20	386,975	26	465,844	254	4,585,307	

Mine index number	County, name of operator and mine	Name or number of mine	Post office address of mine	Number of days in operation and tons of coal mined							
				January		February		March		April	
				Days	Tons	Days	Tons	Days	Tons	Days	Tons
SALINE COUNTY											
S-1	Sahara Coal Co., Inc.....	#6.....	Harrisburg.....	20	86,095	16	75,586	19	85,332	18	83,291
S-16	Sahara Coal Co., Inc.....	#5.....	Harrisburg.....	17	48,681	12	35,070	16	49,469	15	43,632
S-39	Sahara Coal Co., Inc.....	#16.....	Harrisburg.....	19	61,581	13	43,365	17	49,597	16	48,406
S-51	Youngs Coal Corp.....	"Walnut Grove"	Harrisburg.....	31	40,891	29	29,259	28	32,943	30	49,245
L-98	Houston Coal Co.....	#1.....	Carrier Mills.....	25	2,987	24	3,180	24	2,240	25	2,815
L-114	Marshall Equip. Co.....	"Mary Ann"	Harrisburg.....	13	19,014	16	15,289	10	8,943	18	17,438
L-121	New Gallatin Coal Co.....	New Oak Hill #6.....	Harrisburg.....	24	20,240	19	18,833	15	15,422	13	8,505
L-122*	Liberty Coal Co.....	#2.....	Carterville.....	20	9,074	20	9,070	--	--	20	8,070
L-123*	Storme Mining Co.....	--	Marion.....	--	--	--	--	--	--	--	--
L-123	New Gallatin Coal Co.....	#1.....	Harrisburg.....	--	--	--	--	--	--	--	--
L-124	Shawneetown Coal Corp.....	#1.....	Herrin.....	--	--	--	--	--	--	--	--
L-125	New Gallatin Coal Co.....	#2.....	Harrisburg.....	--	--	--	--	--	--	--	--
Average days and total tons.....				21	288,563	19	229,652	18	243,946	19	261,402
SCHUYLER COUNTY											
S-4	Peabody Coal Company.....	Key.....	Rushville.....	23	65,856	14	39,367	14	42,108	18	51,903
STARK COUNTY											
S-1	Stonefort Coal Mining Co., Inc.....	"Alledale"	Wyoming.....	20	54,871	14	38,774	15	41,881	15	40,402
VERMILION COUNTY											
S-61	Fairview Collieries Corp.....	"Harmattan"	Danville.....	26	115,948	19	82,173	19	78,495	18	67,085
S-63	United Electric Coal Cos.....	#25.....	Danville.....	14	26,460	12	23,209	13	23,217	9	17,186
L-220	V-Day Coal Company.....	--	Danville.....	21	5,670	14	4,860	17	4,216	10	2,600
Average days and total tons.....				20	148,078	15	110,242	16	105,928	12	86,871
WILLIAMSON COUNTY											
S-4	Thunderbird Collieries Corp.....	Delta.....	Marion.....	26	103,132	22	84,982	19	71,870	20	76,380
S-19	Peabody Coal Company.....	Utility.....	Marion.....	24	34,661	18	25,792	16	23,769	18	27,414
S-83	Bell & Zoller Coal Company.....	#4.....	Johnston City.....	21	100,318	17	81,709	18	84,342	19	94,999
S-84	Blue Bird Coal Company.....	Turner #1.....	Harrisburg.....	22	12,302	20	11,418	20	12,480	19	12,821
S-88	Bell & Zoller Coal Company.....	#3.....	Zeigler.....	19	71,621	12	53,657	14	62,040	15	60,598
S-92	Forsyth-Energy Coal Company.....	--	Herrin.....	18	36,265	15	29,892	14	26,051	16	37,948
S-94	Thunderbird Collieries Corp.....	Carmac.....	Stonefort.....	19	28,427	13	18,853	10	14,116	18	25,372
S-99	Freeman Coal Mining Corp.....	#4.....	Marion.....	14	65,849	12	66,747	14	74,511	20	102,155
S-100	Stonefort Coal Mining Co.....	Will Scarlet	Stonefort.....	24	77,285	20	73,846	11	34,095	16	55,946
S-101	Big Muddy Coal Company.....	--	DeSoto.....	--	--	--	--	--	--	--	--
L-177	Parton Coal Company.....	#2.....	Marion.....	24	6,690	20	5,211	13	2,000	--	--
L-245*	Blue Blaze Coal Co.....	#2.....	Carterville.....	11	3,220	11	3,300	10	2,880	10	2,655
L-245*	Basin Cream Coal Co., Inc.....	"El-Ben #1"	Herrin.....	--	--	--	--	--	--	--	--
L-248	Morse Coal Company.....	--	Carrier Mills.....	--	--	--	--	--	--	--	--
L-249	Polinski Mines.....	--	Marion.....	--	--	--	--	--	20	--	1,000
L-250	Liberty Coal Company.....	#3.....	Carterville.....	--	--	--	--	--	--	--	--
L-251	Wenzel Bros. Coal Co.....	#1.....	Marion.....	--	--	--	--	--	--	--	--
Average days and total tons.....				10	539,770	16	455,407	14	408,154	17	497,288
GRAND TOTAL.....				20	4,552,686	17	3,922,547	18	4,243,175	18	4,137,868

*Same mine, different management

TABLE 9—Concluded

Number of days in operation and tons of coal mined																		Mine index number
May		June		July		August		September		October		November		December		Total		
Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	Days	Tons	
13	61,332	19	90,095	14	69,220	17	84,329	20	96,436	20	97,048	19	90,308	18	79,445	213	998,517	S-1
12	35,799	16	48,540	16	47,756	21	61,342	21	58,943	22	63,165	19	52,269	20	59,136	207	603,802	S-16
14	44,694	18	57,405	15	48,464	21	62,160	21	65,941	22	67,447	20	64,867	21	66,105	217	680,032	S-39
29	47,081	26	63,251	12	37,229	31	66,483	30	54,435	31	61,359	30	62,825	31	64,655	338	609,656	S-51
25	3,848	24	1,962	25	2,839	24	1,440	25	2,986	24	710	---	---	25	664	270	25,671	L-98
16	16,543	18	17,477	16	18,415	18	12,967	12	13,919	12	12,329	14	15,259	12	13,017	175	180,610	L-114
21	24,500	16	12,700	---	---	---	---	---	---	---	---	---	---	---	---	108	100,200	L-121
20	8,296	---	---	---	---	---	---	---	---	---	---	---	---	---	---	80	34,510	L-122*
---	1	---	589	19	18,196	21	17,362	18	16,278	12	9,315	---	---	---	---	71	61,740	L-123*
---	3	---	2,512	14	11,198	19	20,791	18	17,328	14	15,563	17	19,998	20	21,207	105	108,597	L-123
---	---	---	---	---	---	---	---	10	568	---	---	---	---	---	---	10	568	L-124
---	---	---	---	---	---	---	---	---	---	7	485	23	9,547	22	11,343	52	21,375	L-125
19	242,093	16	294,531	16	253,317	22	326,874	19	326,834	20	327,421	20	315,073	21	315,572	168	3,425,278	
16	39,302	19	50,873	15	42,813	20	55,659	16	41,046	13	37,613	16	46,055	22	54,290	206	566,885	S-4
9	24,456	9	27,276	9	26,204	10	29,247	13	36,900	14	38,803	14	37,516	20	48,465	162	444,795	S-1
12	48,541	16	59,046	8	38,977	13	53,810	15	57,624	18	69,820	17	64,406	26	100,956	207	836,881	S-61
10	20,354	10	18,266	7	13,374	11	19,132	13	25,812	6	11,894	5	10,634	9	19,682	119	229,220	S-63
1	837	10	2,118	8	2,431	12	2,390	9	2,548	10	3,292	15	3,392	20	5,086	147	39,440	L-220
8	69,732	12	79,430	8	54,782	12	75,332	12	85,984	11	85,006	12	78,432	18	125,724	158	1,105,541	
18	68,205	22	84,287	12	48,079	24	93,219	25	99,579	22	80,453	24	87,717	25	98,859	259	996,762	S-4
20	28,638	19	31,400	12	20,281	20	32,738	18	29,820	19	27,692	16	22,347	11	16,113	211	320,665	S-19
18	74,940	22	101,107	12	51,547	21	101,564	20	100,363	22	106,402	21	101,547	21	98,339	232	1,097,177	S-83
15	11,130	16	11,997	14	9,596	18	14,579	22	16,802	22	16,563	20	15,275	23	14,461	231	159,424	S-84
15	61,169	18	79,623	15	63,187	21	92,940	21	98,284	22	95,311	19	93,533	21	96,089	212	928,352	S-88
17	41,109	16	38,066	15	34,525	17	38,991	19	44,098	19	45,038	21	47,860	23	54,749	210	474,592	S-92
15	22,192	23	30,307	12	15,725	21	27,531	14	14,442	---	---	---	---	---	---	145	196,965	S-94
20	100,667	18	83,062	11	56,769	18	91,533	21	105,583	22	123,902	20	103,908	21	106,127	211	1,080,813	S-99
16	59,306	26	95,206	12	42,362	22	77,023	20	68,585	24	78,337	21	67,679	22	67,841	234	797,511	S-100
---	---	---	---	13	2,450	23	5,581	26	7,212	28	10,962	22	8,682	6	4,220	13	12,902	S-101
---	---	---	---	---	---	---	---	---	---	---	---	---	5,231	23	4,547	192	49,884	L-177
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	42	12,055	L-245*
20	1,853	22	3,754	26	6,846	20	3,913	17	2,162	---	---	1	60	17	3,264	18	3,324	L-245*
20	1,000	20	1,000	20	1,000	20	1,000	22	1,200	24	3,800	---	---	---	---	105	18,528	L-248
---	---	15	3,500	22	4,600	22	4,826	22	5,225	22	5,220	22	5,101	22	5,402	146	10,000	L-249
---	---	---	---	---	---	---	---	---	---	---	---	10	300	20	2,000	30	2,300	L-251
18	470,209	20	563,609	16	356,967	21	585,438	21	593,355	23	593,680	17	559,240	20	572,011	165	6,195,128	
17	4,089,974	18	4,285,444	14	3,034,109	20	4,435,203	19	4,550,821	20	5,011,308	19	4,567,650	21	5,057,682	185	51,888,467	

II PRODUCTION—

ADAMS

Mine index number	Name of operator	Post office address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons loaded on barge for shipment	Tons sold to local trade
	LOCAL MINE						
L-18	Triple S Mines, Inc. #2-----	Augusta-----	28,109-----				28,071

BUREAU

SHIPPING MINE							
S-11	Midland Electric Coal Corp. #1.....	Atkinson.....	258,932	221,238	2,893	-----	30,964

CHRISTIAN

SHIPPING MINE							
S-8	Peabody Coal Co. #10.....	Pawnee.....	5,451,697	5,273,834	7,484	-----	166,740

DOUGLAS

SHIPPING MINE							
S-1	Moffat Coal Co.	Murdock.....	581,246	400,038	-----	-----	178,958

FRANKLIN

SHIPPING MINES							
S-20	Old Ben Coal Corp. #9.....	West Frankfort...	1,665,086	1,527,318	14,141	-----	121,739
S-23	Old Ben Coal Corp. #21.....	Sesser.....	2,875,793	2,852,543	22,895	-----	-----
S-24	Freeman Coal Mining Corp. #5.....	West Frankfort...	1,367,733	1,341,201	26,632	-----	-----
Total 3 mines.....			5,908,612	5,721,062	63,668	-----	121,739

TABLE 10

COUNTY

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal				Number of—		Tons mined by machine	Tons mined by hand	Tons mined in strip mines	Number animals underground	Mine index number
Tons consumed at the mine	All coal not sold including waste			Explosives used for blasting or burden	Black powder—pounds	Dynamite—pounds	Permissibles—pounds	Mining machines	Motors					
38	-----	17	181	23,560	-----	-----	-----	-----	-----	-----	-----	28,109	-----	L-18

COUNTY

3,837	-----	103	68	336,678	-----	-----	-----	-----	-----	-----	-----	258,932	-----	S-11
-------	-------	-----	----	---------	-------	-------	-------	-------	-------	-------	-------	---------	-------	------

COUNTY

3,639	-----	887	234	-----	16	-----	-----	9	-----	5,451,697	-----	-----	-----	S-8
-------	-------	-----	-----	-------	----	-------	-------	---	-------	-----------	-------	-------	-------	-----

COUNTY

2,250	-----	111	243	-----	3	-----	-----	2	2	581,246	-----	-----	-----	S-1
-------	-------	-----	-----	-------	---	-------	-------	---	---	---------	-------	-------	-------	-----

COUNTY

1,644	244	367	237	-----	-----	-----	-----	11	11	1,665,086	-----	-----	-----	S-20
355	-----	264	244	-----	-----	-----	-----	10	-----	2,875,793	-----	-----	-----	S-23
-----	-----	365	219	-----	5	-----	-----	5	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----	3	6	1,367,733	-----	-----	-----	S-24
1,999	244	996	700	-----	-----	-----	-----	3	17	5,908,612	-----	-----	-----	-----

*Airdox machines

*Continuous mining machines

II PRODUCTION-

FULTON

FULTON

Mine index number	Name of operator	Post office address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons loaded on barge for shipment	Tons sold to local trade
SHIPPING MINES							
S-2	Little Sister Coal Corp.	St. David	924,861	263,642	68	265,268	395,853
S-7	Midland Electric Coal Corp. "Middlegrove"	Farmington	1,384,911	1,356,173	28,738		
S-13	Truax-Traer Coal Co. "Red Ember"	Fiatt	1,873,793	552,902	16,640	1,278,351	25,900
S-14	The United Electric Coal Cos. #9	Cuba	922,207	912,411	6,056		711
S-15	The United Electric Coal Cos. #17	Canton	2,054,951	2,043,731			1,659
S-40*	Fairview Collieries Corp. "Flamingo"	Fairview	83,194	76,331	6,406		242
S-40*	Peabody Coal Co. "Bright Star"	Fairview	367,548	322,258	2,501		42,789
S-43	Thunderbird Collieries Corp. "Sun Spot"	Vermont	775,086	672,586	539		99,882
	Total 7 mines		8,386,551	6,200,049	60,948	1,543,619	567,066
LOCAL MINES							
L-238	Lump Coal Co.	Cuba	189				185
L-239	Walter Richard Mine	Lewistown	1,315				1,315
L-247	Little Coal Co.	Lewistown	355				355
L-255	Morrison Coal Co.	Ipava	360				360
L-257	Jones Coal Co.	Astoria	898				898
L-258	Gibson Coal Co.	Glasford	129				129
	Total 6 mines		3,246				3,242

GALLATIN

SHIPPING MINE							
L-2	B & W Coal Co. #1	Junction	51,720	204		43,288	8,228
LOCAL MINES							
L-17	Blu Blaz Bloo Coal Co., Inc.	Sparks Hill	2,112				1,687
L-109	Leamington Coal Co.	Carrier Mills	6,087			6,087	
	Total 2 mines		8,199			6,087	1,687

GREENE

LOCAL MINE							
L-112	Birch Creek Coal Co.	Roodhouse	3,102				3,096

HENRY

SHIPPING MINE							
S-2	Shuler Coal Co.	Alpha	70,504	66,999			3,415

* Number of employees, mining machines, motors and animals averaged account different management, same mine.

TABLE 10—Continued

COUNTY

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal				Number of—		Tons mined by machine	Tons mined by hand	Tons mined in strip mines	Number animals underground	Mine index number
Tons consumed at the mine	All coal not sold including waste			Explosives used for blasting overburden	Pellet powder—pounds	Dynamite—pounds	Permissibles—pounds	Mining machines	Motors					
-----	-----	109	207	610,300	-----	-----	-----	-----	-----	-----	-----	924,861	-----	S-2
-----	-----	174	231	1,613,402	-----	-----	-----	-----	-----	-----	-----	1,384,911	-----	S-7
-----	-----	182	231	796,634	-----	-----	122,600	-----	-----	-----	-----	1,873,793	-----	S-13
1,439	1,590	100	206	545,379	-----	102,850	AN69,300	-----	-----	-----	-----	922,207	-----	S-14
1,316	8,245	202	256	-----	72,900	151,825	AN97,050	-----	-----	-----	-----	2,054,951	-----	S-15
200	-----	72	30	-----	-----	-----	-----	-----	-----	-----	-----	83,194	-----	*S-40
-----	-----	72	159	-----	-----	-----	-----	-----	-----	-----	-----	367,548	-----	*S-40
-----	2,079	63	238	-----	-----	-----	-----	-----	-----	-----	-----	775,086	-----	S-43
2,955	11,914	902	1,553	3,565,715	72,900	254,675	288,950	-----	-----	-----	-----	8,386,551	-----	-----
4	-----	1	50	-----	-----	-----	75	-----	-----	-----	-----	189	-----	L-238
-----	-----	3	116	-----	300	-----	-----	-----	-----	-----	-----	1,315	-----	L-239
-----	-----	3	53	-----	50	-----	50	-----	-----	-----	-----	355	-----	L-247
-----	-----	2	52	-----	200	-----	-----	-----	-----	-----	-----	360	-----	L-255
-----	-----	3	26	-----	-----	-----	-----	-----	-----	-----	-----	898	-----	L-257
-----	-----	1	17	-----	-----	-----	-----	-----	-----	-----	-----	129	-----	L-258
4	-----	13	314	-----	550	-----	125	-----	-----	-----	-----	3,246	-----	-----

8,389,797

COUNTY

-----	-----	26	247	-----	*2	-----	-----	1	2	51,720	-----	-----	-----	L-2
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	425	4	129	-----	-----	-----	150	1	1	2,112	-----	-----	-----	L-17
-----	-----	3	61	-----	-----	-----	-----	-----	-----	-----	-----	6,087	-----	L-109
-----	425	7	190	-----	-----	-----	150	1	1	2,112	-----	6,087	-----	-----

COUNTY

6	-----	2	275	3,000	-----	-----	-----	-----	-----	-----	-----	3,102	-----	L-112
---	-------	---	-----	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------	-------

COUNTY

90	-----	38	254	-----	-----	-----	24,050	2	3	70,504	-----	-----	-----	S-2
----	-------	----	-----	-------	-------	-------	--------	---	---	--------	-------	-------	-------	-----

AN—Ammonium Nitrate

*Airdox machines

II PRODUCTION—

JACKSON

Mine index number	Name of operator	Post office address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons loaded on barge for shipment	Tons sold to local trade
	SHIPPING MINES						
S-1	Truax-Traer Coal Co. #1 "Strip".....	Elkville.....	1,092,223	1,085,609	-----	-----	331
S-1	Truax-Traer Coal Co. #1 "Slope".....	Elkville.....	126,298	126,298	-----	-----	-----
L-28	Elk Coal Co.....	Elkville.....	11,734	11,734	-----	-----	-----
L-65	Farley Bros. Coal Co. "Black Dot #2".....	DeSoto.....	138,497	138,497	-----	-----	-----
L-67	Fabco, Inc.....	DeSoto.....	23,023	23,023	-----	-----	-----
	Total 5 mines.....	-----	1,391,775	1,385,161	-----	-----	331
	LOCAL MINE						
L-57	Clifford Morgan Coal Co.....	Ava.....	390	-----	-----	-----	390

JEFFERSON

SHIPPING MINE							
S-3	Freeman Coal Mining Corp. #3.....	Waltonville.....	2,517,491	2,393,231	4,185	-----	120,075
LOCAL MINE							
L-6	Belle Rive Mining Co. #3.....	Belle Rive.....	1,159	-----	-----	-----	1,159

KANKAKEE

SHIPPING MINE							
S-1**	Peabody Coal Co. "Northern".....	South Wilmington....	827,985	337,286	-----	-----	490,699

KNOX

SHIPPING MINE							
S-4	Midland Electric Coal Corp. "Mecco"....	Victoria.....	904,360	891,116	11,891	-----	1,353

** 341,157 Tons mined in Grundy County
 ** 486,828 Tons mined in Will County
 ** Tipple located in Kankakee County

TABLE 10—Continued

COUNTY

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal				Number of—		Tons mined by machine	Tons mined by hand	Tons mined in strip mines	Number animals underground	Mine index number
Tons consumed at the mine	All coal not sold including waste			Explosives used for blasting overburden	Pellet powder—pounds	Dynamite—pounds	Permissibles—pounds	Mining machines	Motors					
-----	6,283	89	228	4,658,906	-----	-----	57,200	-----	-----	-----	-----	1,092,223	-----	S-1
-----	-----	86	129	-----	-----	-----	-----	-----	-----	126,298	-----	-----	-----	S-1
-----	-----	12	71	-----	-----	-----	-----	2	5	11,734	-----	-----	-----	L-28
-----	-----	17	138	-----	-----	-----	81,000	-----	-----	-----	-----	138,497	-----	L-65
-----	-----	17	21	-----	-----	-----	4,000	-----	-----	-----	-----	23,023	-----	L-67
-----	6,283	221	587	4,658,906	-----	-----	92,200	5	5	138,032	-----	1,253,743	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	2	100	-----	390	-----	-----	-----	-----	-----	-----	390	-----	L-57

COUNTY

-----	-----	539	225	-----	-----	-----	-----	11	7	2,517,491	-----	-----	-----	S-3
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	3	55	-----	-----	-----	-----	-----	-----	-----	-----	1,159	-----	L-6

COUNTY

-----	-----	138	251	-----	-----	-----	-----	-----	-----	-----	-----	827,985	-----	S-1
-------	-------	-----	-----	-------	-------	-------	-------	-------	-------	-------	-------	---------	-------	-----

COUNTY

-----	-----	88	256	-----	-----	-----	-----	-----	-----	-----	-----	904,360	-----	S-4
-------	-------	----	-----	-------	-------	-------	-------	-------	-------	-------	-------	---------	-------	-----

*Airdox machines

°Continuous mining machines

II PRODUCTION—

LOGAN

Mine index number	Name of operator	Post office address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons loaded on barge for shipment	Tons sold to local trade
LOCAL MINES							
L-1	Logan County Coal Mine, Inc.....	Lincoln.....	21,899	-----	-----	-----	21,869

MACOUPIN

SHIPPING MINE							
S-3	Little Dog Coal Co.	Gillespie	373,937	291,984	3,459 .....	.....	77,702

MADISON

SHIPPING MINE							
S-3	The Livingston-Mt. Olive Coal Co. #1 ..	Livingston	3,211	1,091	52 .....	.....	1,963
LOCAL MINE							
S-7	Lumaghi Coal Co. #4.	Collinsville	123,611 .....	.....	.....	.....	122,663

MENARD

LOCAL MINE							
L-33	New Salem Mining Corp. #1	Petersburg	7,350 .....	.....	.....	.....	4,475

MERCER

SHIPPING MINE							
L-62	Hazel Dell Coal Corp. #1	New Windsor	50,189	42,709 .....	.....	.....	7,407
LOCAL MINE							
L-63	Viola Materials, Inc.	Viola	1,462 .....	.....	.....	.....	1,462

TABLE 10—Continued

COUNTY

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal			Number of—		Tons mined by machine	Tons mined by hand	Tons mined in strip mines	Number animals underground	Mine index number
Tons consumed at the mine	All coal not sold including waste			Explosives used for blasting overburden	Pellet powder—pounds	Dynamite—pounds	Permissible—pounds	Mining machines	Motors				
30	-----	27	165	-----	*2	-----	-----	1	2	21,899	-----	-----	L-1

COUNTY

792	-----	170	169	-----	b2	-----	-----	2	5	373,937	-----	-----	S-3
-----	-------	-----	-----	-------	----	-------	-------	---	---	---------	-------	-------	-----

COUNTY

25	80	41	21	-----	a1	-----	-----	1	7	3,211	-----	-----	S-3
948	-----	217	38	-----	b4	-----	-----	4	13	123,611	-----	-----	S-7

COUNTY

150	2,725	21	97	-----	a1	-----	-----	1	2	7,350	-----	-----	L-33
-----	-------	----	----	-------	----	-------	-------	---	---	-------	-------	-------	------

COUNTY

73	-----	19	199	-----	-----	-----	12,000	2	2	50,189	-----	-----	L-62
-----	-----	2	88	-----	500	-----	-----	-----	-----	-----	1,462	-----	L-63

*Airdox machines

bArmstrong Coal Breakers

II PRODUCTION—

MONTGOMERY

Mine index number	Name of operator	Post office address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons loaded on barge for shipment	Tons sold to local trade
SHIPPING MINE							
S-4	Freeman Coal Mining Corp. "Crown".....	Farmersville.....	2,050,994	1,751,440	-----	-----	299,554
LOCAL MINE							
S-5	Truax-Traer Coal Co. "Hillsboro".....	Coffeen.....	19,064	-----	-----	-----	19,064

PEORIA

SHIPPING MINE							
L-150	Peabody Coal Co. "Edwards".....	Edwards.....	315,686	128,444	-----	-----	187,093
LOCAL MINES							
L-32	Big Bear Coal Co.....	Peoria.....	1,250	-----	-----	-----	1,250
L-126	Zaborac Coal Co.....	Peoria.....	12,719	-----	-----	-----	12,719
L-146	Sherwood-Templeton Coal Co. "Pioneer"	Laura.....	126,798	-----	-----	-----	126,568
L-164	The United Electric Coal Cos. "Banner #27".....	Glasford.....	678,478	-----	-----	656,171	9,427
L-167	Laynes Coal Co. #5.....	Brimfield.....	2,369	-----	-----	-----	2,369
	Total 5 mines.....	-----	821,614	-----	-----	656,171	152,333

PERRY

SHIPPING MINES							
S-14	The United Electric Coal Cos. #11.....	DuQuoin.....	1,909,080	1,745,780	529	-----	153,009
S-33	Truax-Traer Coal Co. #2.....	DuQuoin.....	1,700,246	1,694,931	-----	-----	1,833
S-34	Southwestern Ill. Coal Corp. "Captain".....	Percy.....	442,263	440,329	1,934	-----	-----
	Total 3 mines.....	-----	4,051,589	3,881,040	2,463	-----	154,842

RANDOLPH

SHIPPING MINES							
S-7	Southwestern Ill. Coal Corp. "Streamline".....	Percy.....	1,382,186	1,314,205	15,084	-----	50,159
S-17	Zeigler Coal & Coke "Spartan".....	Sparta.....	831,885	741,373	-----	-----	90,512
S-18	Eden Mining Co.....	Sparta.....	154,983	154,983	-----	-----	-----
	Total 3 mines.....	-----	2,369,054	2,210,561	15,084	-----	140,671

D—This coal went directly to the Central Illinois Power Plant by Belt.

TABLE 10—Continued

COUNTY

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal				Number of—		Tons mined by machine	Tons mined by hand	Tons mined in strip mines	Number animals underground	Mine index number
Tons consumed at the mine	All coal not sold including waste			Explosives used for blasting overburden	Pellet powder—pounds	Dynamite—pounds	Permissibles—pounds	Mining machines	Motors					
-----	-----	512	238	-----	*8	-----	-----	8	6	2,050,994	-----	-----	-----	S-4
-----	-----	44	54	-----	-----	-----	-----	*1	2	19,064	-----	-----	-----	S-5

COUNTY

149	-----	48	244	-----	-----	-----	-----	-----	-----	-----	-----	315,686	-----	L-150
-----	-----	3	64	-----	-----	-----	500	1	1	1,250	-----	-----	-----	L-32
-----	-----	12	143	-----	-----	-----	3,200	3	1	12,719	-----	-----	-----	L-126
230	-----	30	213	-----	-----	-----	-----	-----	-----	-----	-----	126,798	-----	L-146
-----	12,880	66	261	1,224,183	-----	14,968	-----	-----	-----	-----	-----	678,478	-----	L-164
-----	-----	3	127	200	500	-----	-----	-----	-----	-----	-----	2,369	-----	L-167
230	12,880	114	808	1,224,383	500	14,968	3,700	4	2	13,969	-----	807,645	-----	-----

COUNTY

800	8,962	181	265	1,090,562	-----	169,000	-----	-----	-----	-----	-----	1,909,080	-----	S-14
-----	3,482	145	226	1,216,848	-----	-----	110,750	-----	-----	-----	-----	1,700,246	-----	S-33
-----	-----	62	56	1,012,813	-----	-----	-----	-----	-----	-----	-----	442,263	-----	S-34
800	12,444	388	517	9,320,223	-----	169,000	110,750	-----	-----	-----	-----	4,051,589	-----	-----

COUNTY

810	1,928	116	260	2,034,843	-----	-----	46,300	-----	-----	-----	-----	1,382,186	-----	S-7
-----	-----	152	225	-----	b6	-----	-----	6	-----	831,885	-----	-----	-----	S-17
-----	-----	27	190	-----	-----	15,685	-----	-----	-----	-----	-----	154,983	-----	S-18
810	1,928	295	675	2,034,843	-----	15,685	46,300	6	-----	831,885	-----	1,537,169	-----	-----

*Airdox machines

bArmstrong Coal Breakers

cContinuous mining machines

II PRODUCTION—

ST. CLAIR

Mine index number	Name of operator	Post office address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons loaded on barge for shipment	Tons sold to local trade
SHIPPING MINES							
S-94	Peabody Coal Co. "River King"	Freeburg	3,463,535	2,907,061	-----	-----	556,474
L-87	Midland Electric Coal Corp. "Green Diamond"	Marissa	1,121,772	680,510	3,151	-----	410,180
	Total 2 mines	-----	4,585,307	3,587,571	3,151	-----	966,654
LOCAL MINES							
S-95	Peabody Coal Co. "Midwest Drift"	Millstadt	270,943	-----	-----	-----	270,943
L-70	Belle Valley Coal Co.	Belleville	94,758	-----	-----	-----	94,758
L-73	Shiloh Valley Coal Co.	Belleville	11,860	-----	-----	-----	11,680
L-80	Peabody Coal Co. "Midwest Strip"	Millstadt	801,132	-----	-----	-----	801,132
L-91	Morgan Coal Company	Millstadt	39,596	-----	-----	-----	39,596
	Total 5 mines	-----	1,218,289	-----	-----	-----	1,218,109

SALINE

SHIPPING MINES							
S-1	Sahara Coal Co., Inc. #6	Harrisburg	998,517	979,348	7,082	-----	925
S-16	Sahara Coal Co., Inc. #5	Harrisburg	803,802	600,205	126	-----	3,249
S-39	Sahara Coal Co., Inc. #16	Harrisburg	680,032	675,710	141	-----	3,913
S-51	Youngs Coal Corp. "Walnut Grove"	Harrisburg	609,656	609,656	-----	-----	-----
L-98	Houston Coal Co. #1	Carrier Mills	25,671	25,671	-----	-----	-----
L-114	Marshall Equip. Co. "Mary Ann"	Harrisburg	180,610	55,000	-----	125,610	-----
L-121	New Gallatin Coal Co. "New Oak Hill #6"	Harrisburg	100,200	100,200	-----	-----	-----
L-122*	Liberty Coal Co. #2	Cartersville	34,510	34,510	-----	-----	-----
L-122*	Storme Mining Co.	Marion	61,740	61,740	-----	-----	-----
L-123	New Gallatin Coal Co. #1	Harrisburg	108,597	108,597	-----	-----	-----
L-124	Shawneetown Coal Corp. #1	Herrin	568	568	-----	-----	-----
L-125	New Gallatin Coal Co. #2	Harrisburg	21,375	21,375	-----	-----	-----
	Total 11 mines	-----	3,425,278	3,272,580	7,349	125,610	8,087
LOCAL MINES							
L-103	J. W. Coal Co., Inc. #1	Herod	338,732	-----	-----	338,732	-----
L-116	Herod Mining Corp. #1	Herod	48,007	-----	-----	48,007	-----
L-120	Shawnee Coal Co. #1	Stonefort	12,254	-----	-----	12,254	-----
	Total 3 mines	-----	398,993	-----	-----	398,993	-----

* Number of employees, mining machines, motors and animals averaged account different management, same mine.

TABLE 10—Continued

COUNTY

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal				Number of—		Tons mined by machine	Tons mined by hand	Tons mined in strip mines	Number animals underground	Mine index number
Tons consumed at the mine	All coal not sold including waste			Explosives used for blasting overburden	Pellet powder—pounds	Dynamite—pounds	Permissibles—pounds	Mining machines	Motors					
-----	-----	216	277	4,965,913	-----	384,700	-----	-----	-----	-----	-----	3,463,535	-----	S-94
-----	27,931	162	231	-----	*5	-----	-----	3	-----	1,121,772	-----	-----	-----	L-87
-----	27,931	378	508	4,965,913	-----	384,700	-----	3	-----	1,121,772	-----	3,463,535	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	19	266	-----	-----	-----	95,950	1	1	270,943	-----	-----	-----	S-95
-----	-----	40	199	-----	-----	-----	-----	1	4	94,758	-----	-----	-----	L-70
180	-----	12	61	-----	*2	-----	5,000	1	1	11,860	-----	-----	1	L-73
-----	-----	72	268	1,662,123	-----	-----	45,000	-----	-----	-----	-----	801,132	-----	L-90
-----	-----	28	65	-----	-----	-----	-----	-----	-----	-----	-----	39,596	-----	L-91
180	-----	171	859	1,662,123	-----	-----	145,950	3	6	377,561	-----	840,728	1	-----

COUNTY

-----	11,162	165	213	4,349,970	-----	-----	32,500	-----	-----	-----	-----	998,517	-----	S-1
-----	222	189	207	-----	*1	-----	-----	3	9	603,802	-----	-----	-----	S-16
268	-----	209	217	-----	*4	-----	-----	4	8	680,032	-----	-----	-----	S-39
-----	-----	90	338	6,208,238	*4	-----	-----	-----	-----	-----	-----	609,656	-----	S-51
-----	-----	3	270	26,255	-----	1,000	-----	-----	-----	-----	-----	25,671	-----	L-98
-----	-----	18	175	-----	-----	10,000	-----	-----	-----	-----	-----	180,610	-----	L-114
-----	-----	-----	-----	-----	-----	5,000	-----	-----	-----	-----	-----	100,200	-----	L-121
-----	-----	15	80	150,000	-----	-----	-----	-----	-----	-----	-----	34,510	-----	*L-122
-----	-----	20	71	356,800	-----	-----	-----	-----	-----	-----	-----	61,740	-----	*L-122
-----	-----	26	105	-----	-----	150,000	-----	-----	-----	-----	-----	108,597	-----	L-123
-----	-----	6	10	-----	-----	-----	-----	400	-----	568	-----	-----	-----	L-124
-----	-----	21	52	-----	-----	-----	-----	-----	*1	2	21,375	-----	-----	L-125
268	11,384	761	1,846	11,091,263	-----	166,000	32,900	7	19	1,305,777	-----	2,119,501	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	28	312	699,788	-----	-----	-----	-----	-----	-----	-----	338,732	-----	L-103
-----	-----	10	207	207,640	-----	-----	-----	-----	-----	-----	-----	48,007	-----	L-116
-----	-----	2	158	950	-----	-----	-----	-----	-----	-----	-----	12,254	-----	L-120
-----	-----	40	677	908,378	-----	-----	-----	-----	-----	-----	-----	398,993	-----	-----

*Airdox machines

*Continuous mining machines

II PRODUCTION—

SANGAMON

Mine index number	Name of operator	Post office address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons loaded on barge for shipment	Tons sold to local trade
LOCAL MINE							
L-7	Eddy Coal Co.....	Cantrall.....	70,244				70,244

SCHUYLER

SHIPPING MINE							
S-4	Peabody Coal Co. "Key".....	Rushville.....	566,985	2,325	1,475	525,350	37,735

STARK

SHIPPING MINE							
S-1	Stonefort Coal Mining Co., Inc. "Allendale".....	Wyoming.....	444,795	436,160	8,635	-----	-----

VERMILION

SHIPPING MINES							
S-61	Fairview Collieries Corp. "Harmattan".....	Danville.....	836,881	494,135	3,886	-----	335,672
S-63	The United Electric Coal Cos. "Mary Moore #25".....	Danville.....	229,220	226,580	-----	-----	-----
L-220	V-Day Coal Company.....	Danville.....	39,440	31,189	-----	-----	8,251
Total 3 mines.....			1,105,541	751,904	3,886	-----	343,923
LOCAL MINES							
L-215	Deep Valley Coal Co.....	Danville.....	3,775	-----	-----	-----	3,775
L-217	Blue Lake Coal Co.....	Catlin.....	7,193	-----	-----	-----	7,193
L-236	Juzaitis Coal Co.....	Danville.....	147	-----	-----	-----	147
Total 3 mines.....			11,115	-----	-----	-----	11,115

WABASH

LOCAL MINE							
L-10	Allendale Coal Co.....	Allendale.....	1,103	-----	-----	-----	1,103

TABLE 10—Continued

COUNTY

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting Coal				Number of—		Tons mined by machine	Tons mined by hand	Tons mined in strip mines	Number animals underground	Mine index number
Tons consumed at the mine	All coal not sold including waste			Explosives used for blasting overburden	Pellet powder—pounds	Dynamite—pounds	Permissibles—pounds	Mining machines	Motors					
		57	107		a2			1	3	70,244				L-7

COUNTY

		50	206	1,860,900		70,000						566,885		S-4
--	--	----	-----	-----------	--	--------	--	--	--	--	--	---------	--	-----

COUNTY

		71	162	96								444,795		S-1
--	--	----	-----	----	--	--	--	--	--	--	--	---------	--	-----

COUNTY

3,133	55	102	207	70,100			67,900					836,881		S-61
	2,640	30	119			17,400						229,220		S-63
		23	147		a1			1	2	39,440				L-220
3,133	2,695	155	473	70,100		17,400	67,900		2	39,440		1,066,101		
		9	98		1,150			2	1	3,775				L-215
		6	114		1,900			100	1	7,193				L-217
		1	71					50	3			147		L-236
		16	283		3,050			150	3	10,968		147		

COUNTY

		3	80									1,103		L-10
--	--	---	----	--	--	--	--	--	--	--	--	-------	--	------

*Airdox machines

II PRODUCTION—

WASHINGTON

Mine index number	Name of operator	Post office address of the mine	Disposition of output—tons				
			Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons loaded on barge for shipment	Tons sold to local trade
	LOCAL MINE						
L-2	Venedy Coal Co.-----	Venedy.-----	28,295	-----	-----	-----	28,005

WILLIAMSON

SHIPPING MINES							
S-4	Thunderbird Collieries Corp. "Delta"....	Marion.....	996,762	992,529	854	-----	288
S-19	Peabody Coal Co. "Utility".....	Marion.....	320,665	320,533	-----	-----	108
S-83	Bell & Zoller Coal Co. #4.....	Johnston City.....	1,097,177	1,042,237	886	-----	49,404
S-84	Blue Bird Coal Co. "Turner".....	Harrisburg.....	159,424	126,449	-----	-----	32,975
S-88	Bell & Zoller Coal Co. #3.....	Zeigler.....	928,352	834,116	15,202	-----	79,034
S-92	Forsyth-Energy Coal Co.....	Herrin.....	474,592	392,938	3,897	-----	77,757
S-94	Thunderbird Collieries "Carmac".....	Stonefort.....	196,965	195,910	-----	-----	1,055
S-99	Freeman Coal Mining Corp. #4.....	Marion.....	1,080,813	1,068,022	3,037	-----	9,754
S-100	Stonefort Coal Mining Corp. "Will Scarlet".....	Stonefort.....	797,511	797,511	-----	-----	-----
S-101	Big Muddy Coal Co.....	DeSoto.....	12,902	12,902	-----	-----	-----
L-177	Parton Coal Co.....	Marion.....	49,884	-----	14,800	-----	35,084
L-245*	Blue Blaze Coal Co.....	Cartersville.....	12,055	6,050	-----	-----	5,985
L-245*	Basin Cream Coal Co., Inc. "El Ben".....	Herrin.....	3,324	1,752	-----	-----	1,357
L-248	Morse Coal Co.....	Carrier Mills.....	18,528	18,528	-----	-----	-----
L-249	Polinski Mines "Dog Walk".....	Marion.....	10,000	10,000	-----	-----	-----
L-250	Liberty Coal Co. #3.....	Cartersville.....	33,874	33,874	-----	-----	-----
L-251	Wenzel Bros. Coal Co.....	Marion.....	2,300	2,300	-----	-----	-----
Total 16 mines.....			6,195,128	5,855,651	38,676	-----	292,801
LOCAL MINES							
L-47	Barbara Kay Coal Co.....	Marion.....	102,558	-----	-----	-----	102,558
L-178	Tregoning Coal Co.....	DuQuoin.....	331	-----	-----	-----	331
L-190	Black Crystal Coal Co.....	Marion.....	8,886	-----	-----	-----	8,886
L-195	Harrisburg Coal Co.....	Marion.....	67,002	-----	-----	-----	67,002
Total 4 mines.....			178,777	-----	-----	-----	178,777

* Number of employees, mining machines, motors, and animals averaged account. Different management, same mine.

TABLE 10—Continued

COUNTY

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal				Number of—		Tons mined by machine	Tons mined by hand	Tons mined in strip mines	Number animals underground	Mine index number
Tons consumed at the mine	All coal not sold including waste			Explosives used for blasting overburden	Pellet powder—pounds	Dynamite—pounds	Permissibles—pounds	Mining machines	Motors					
290	-----	19	202	-----	-----	-----	4,750	1	2	28,295	-----	-----	-----	L-2

COUNTY

2,432	659	105	259	3,202,082	-----	-----	4,300	-----	-----	-----	-----	996,762	-----	S-4
24	-----	39	211	415,600	-----	20,045	-----	-----	-----	-----	-----	320,665	-----	S-19
4,650	-----	217	232	-----	-----	-----	-----	5	-----	1,097,177	-----	-----	-----	S-83
-----	-----	40	231	-----	a2	-----	-----	2	3	159,424	-----	-----	-----	S-84
-----	-----	267	212	-----	a6	-----	-----	4	-----	928,352	-----	-----	-----	S-88
-----	-----	48	210	1,122,360	-----	-----	-----	4	-----	-----	-----	474,592	-----	S-92
-----	-----	99	145	-----	a3	-----	-----	4	-----	196,965	-----	-----	-----	S-94
-----	-----	269	211	-----	b6	-----	-----	4	-----	-----	-----	-----	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----	e1	13	1,080,813	-----	-----	-----	S-99
-----	-----	115	234	2,305,524	-----	-----	-----	-----	-----	-----	-----	797,511	-----	S-100
-----	-----	17	13	-----	-----	-----	1,850	-----	-----	-----	-----	12,902	-----	S-101
-----	-----	25	192	-----	-----	-----	-----	1	2	49,884	-----	-----	-----	L-177
20	-----	16	42	-----	a1	-----	-----	1	2	12,055	-----	-----	-----	L-245
5	210	19	18	-----	a1	-----	-----	1	2	3,324	-----	-----	-----	L-245
-----	-----	3	105	-----	-----	1,000	-----	-----	-----	-----	-----	18,528	-----	L-245
-----	-----	5	146	4,000	-----	-----	-----	-----	-----	-----	-----	10,000	-----	L-249
-----	-----	14	147	76,000	-----	-----	-----	-----	-----	-----	-----	33,874	-----	L-250
-----	-----	7	30	1,000	-----	-----	-----	-----	-----	-----	-----	2,300	-----	L-251
7,131	869	1,288	2,638	7,126,566	-----	21,045	6,150	16	20	3,527,994	-----	2,667,134	-----	-----
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
-----	-----	29	223	-----	a1	-----	-----	1	3	102,558	-----	-----	-----	L-47
-----	-----	3	74	-----	-----	-----	-----	1	-----	331	-----	-----	-----	L-178
-----	-----	22	84	-----	a1	-----	-----	1	1	8,886	-----	-----	-----	L-190
-----	-----	25	209	-----	b1	-----	-----	1	2	67,002	-----	-----	-----	L-195
-----	-----	79	590	-----	-----	-----	-----	4	6	178,777	-----	-----	-----	4

*Airdox machines

bArmstrong Coal Breakers

cContinuous mining machines

II PRODUCTION

RECAPITULATION

	Disposition of output—tons				
	Total	Tons loaded on cars for shipment	Tons sold to railroad companies	Tons loaded on barge for shipment	Tons sold to local trade
Total Shipping Mines—68.....	51,888,467	45,103,678	235,199	2,237,867	4,208,000
Total Local Mines—40.....	2,946,021			1,061,251	1,866,864
Total All Mines—108.....	54,834,488	45,103,678	235,199	3,299,118	6,074,864

TABLE 10—Concluded

RECAPITULATION

Disposition of output—tons		Total employees	Days of active operation	Explosives used for blasting coal				Number of—		Tons mined by machine	Tons mined by hand	Tons mined in strip mines	Number animals underground
Tons consumed at the mine	All coal not sold including waste			Explosives used for blasting overburden	Pellet powder—pounds	Dynamite—pounds	Permissibles—pounds	Mining machines	Motors				
27,951 1,876	75,772 16,030	8,225 854	12,549 5,163	45,031,203 3,821,444	72,900 4,990	1,098,505 14,968	681,200 154,825	68 23	97 43	24,024,501 853,850	----- -----	27,863,966 2,092,171	0 5
29,827	91,802	9,079	17,712	48,852,647	77,890	1,113,473	836,025	91	140	24,878,351	-----	29,956,137	5

22 Mines using 73 Airdox machines

5 Mines using 19 Armstrong Coal Breakers

8 Mines using 45 Continuous mining machines

*Airdox machines

bArmstrong Coal Breakers

cContinuous mining machines

* Number of employees, mining machines, motors and animals averaged
account different management same mine.

II PRODUCTION—TABLE 11—RAILROADS HANDLING COAL—TONS SOLD TO RAILROADS SERVING MINES—TONS SOLD TO RAILROADS NOT SERVING MINES—1964

Operators	Names of railroads	Tons shipped to market	Tons sold to railroads serving mines	Tons sold to railroads not serving mines	Tons to locomotives at chute	Total tons handled by railroads
BUREAU COUNTY						
Midland Electric Coal Corp. #1	C. R. I. & P.	221,238	2,893			224,131
CHRISTIAN COUNTY						
Peabody Coal Company #10	C. & I. M.	5,273,834	7,484			5,281,318
DOUGLAS COUNTY						
Moffat Coal Co. "Murdock"	B. & O.	400,038				400,038
FRANKLIN COUNTY						
Old Ben Coal Corp. #9	C. B. & Q.	687,982	10,502			698,484
	I. C.	346,475	3,483			349,958
	M. P.	267,905				267,905
	C. & E. I.	224,956	156			225,112
Old Ben Coal Corp. #21	C. B. & Q.	1,270,931	22,790			1,293,721
	I. C.	776,063	53			776,116
	M. P.	224,342				224,342
	C. & E. I.	581,207	52			581,259
Freeman Coal Mining Corp. #5	C. B. & Q.	369,046	24,378			393,424
	C. & E. I.	288,201				288,201
	I. C.	569,775	2,154			571,929
	M. P.	114,179				114,179
Total		5,721,062	63,568			5,784,630
FULTON COUNTY						
Little Sister Coal Corp.	C. B. & Q.	263,642	68			263,710
Midland Electric Coal Corp. "Middlegrove"	C. & N. W.	1,384,911				1,384,911
Truax-Traer Coal Co. "Red Ember"	C. B. & Q.	552,902	16,640			569,542
The United Electric Coal Cos. #9	C. B. & Q.	370,104	6,056			376,160
	T. P. & W.	542,307				542,307
The United Electric Coal Cos. #17	C. B. & Q.	2,826				2,826
	U. E.	2,040,905				2,040,905
Fairview Collieries Corp. "Flamingo"	C. B. & Q.	32,105	996			33,101
	C. & N. W.	44,241	5,410			49,651
Peabody Coal Co. "Bright Star"	C. & N. W.	322,258	2,501			324,759
Thunderbird Collieries Corp. "Sun Spot"	C. B. & Q.	672,586	539			673,125
Total		6,228,787	32,210			6,260,997
GALLATIN COUNTY						
B & W Coal Company #1				204		204
HENRY COUNTY						
Shuler Coal Company	C. B. & Q.	66,999				66,999
JACKSON COUNTY						
Truax-Traer Coal Co. #1 (Strip)	I. C.	649,114				649,114
	M. P.	436,495				436,495
Truax-Traer Coal Co. #1 (Slope)	I. C.	126,298				126,298
Elk Coal Company #1	I. C.	11,734				11,734
Farley Bros. Coal Co. "Black Dot #2"	I. C.	138,497				138,497
Fabco, Inc.	I. C.	23,023				23,023
Total		1,385,161				1,385,161
JEFFERSON COUNTY						
Freeman Coal Mining Corp. #3	C. B. & Q.	932,780	3,839			936,619
	I. C.	1,157,143	346			1,157,489
	M. P.	303,308				303,308
Total		2,393,231	4,185			2,397,416

II PRODUCTION—TABLE 11—Continued

Operators	Names of railroads	Tons shipped to market	Tons sold to railroads serving mines	Tons sold to railroads not serving mines	Tons to locomotives at chute	Total tons handled by railroads
KANKAKEE COUNTY						
Peabody Coal Co. "Northern Ill.".....	A. T. & S. F. G. M. & O.....	129,903 207,383	----- -----	----- -----	----- -----	129,903 207,383
Total.....	-----	337,286	-----	-----	-----	337,286
KNOX COUNTY						
Midland Electric Coal Corp. "Mecco".....	C. R. I. & P.....	891,116	11,891	-----	-----	903,007
MACOUPIN COUNTY						
Little Dog Coal Company.....	Illinois Terminal Term. Assn. of St. L.....	291,984	26 3,433	----- -----	----- -----	292,010 3,433
Total.....	-----	291,984	3,459	-----	-----	295,443
MADISON COUNTY						
The Livingston-Mt. Olive Coal Co. #1.....	N. Y. C. C. & E. I. Belt.....	880 211	----- -----	----- 52	----- -----	880 211 52
Total.....	-----	1,091	-----	52	-----	1,143
MERCER COUNTY						
Hazel Dell Corp. #1.....	C. B. & Q.....	42,709	-----	-----	-----	42,709
MONTGOMERY COUNTY						
Freeman Coal Mining Corp. "Crown".....	I. C.....	1,751,440	-----	-----	-----	1,751,440
PEORIA COUNTY						
Peabody Coal Co. "Edwards".....	C. B. & Q.....	-----	-----	128,444	-----	128,444
PERRY COUNTY						
The United Electric Coal Cos. #11.....	I. C..... M. P.....	715,770 1,030,010	----- 529	----- -----	----- -----	715,770 1,030,539
Truax-Traer Coal Co. #2.....	I. C..... M. P.....	698,987 995,944	----- -----	----- -----	----- -----	698,987 995,944
Southwestern Ill. Coal Corp. "Captain".....	G. M. & O.....	440,329	1,934	-----	-----	442,263
Total.....	-----	3,881,040	2,463	-----	-----	3,883,503
RANDOLPH COUNTY						
Southwestern Ill. Coal Corp. "Streamline".....	G. M. & O..... M. P.....	845,370 468,835	14,380 704	----- -----	----- -----	859,750 469,539
Zeigler Coal & Coke "Spartan".....	M. I.....	741,373	-----	-----	-----	741,373
Eden Mining Corp.....	G. M. & O.....	154,983	-----	-----	-----	154,983
Total.....	-----	2,210,561	15,084	-----	-----	2,225,645
ST. CLAIR COUNTY						
Peabody Coal Co. "River King".....	I. C.....	2,907,061	-----	-----	-----	2,907,061
Midland Electric Coal Corp. "Green Diamond".....	I. C.....	680,510	3,151	-----	-----	683,661
Total.....	-----	3,587,571	3,151	-----	-----	3,590,722

II PRODUCTION—TABLE 11—Concluded

Operators	Names of railroads	Tons shipped to market	Tons sold to railroads serving mines	Tons sold to railroads not serving mines	Tons to loco-motives at chute	Total tons handled by railroads
SALINE COUNTY						
Sahara Coal Company #6.....	C. C. C. & St. L.....	979,348	7,082	-----	-----	986,430
Sahara Coal Company #5.....	C. C. C. & St. L.....	600,205	126	-----	-----	600,331
Sahara Coal Company #16.....	C. C. C. & St. L.....	675,710	141	-----	-----	675,851
Young's Coal Corp. "Walnut Grove".....	N. Y. C.....	609,656	-----	-----	-----	609,656
Houston Coal Co. #1.....	N. Y. C.....	-----	-----	25,671	-----	25,671
Marshall Equip. Co. "Mary Ann".....	N. Y. C.....	55,000	-----	-----	-----	55,000
New Gallatin Coal Co. #6.....	N. Y. C.....	100,200	-----	-----	-----	100,200
Liberty Coal Co. #2.....	N. Y. C.....	34,510	-----	-----	-----	34,510
Storme Mining Company.....	N. Y. C.....	61,740	-----	-----	-----	61,740
New Gallatin Coal Co. #1.....	N. Y. C.....	108,597	-----	-----	-----	108,597
Shawneetown Coal Corp. #1.....	N. Y. C.....	568	-----	-----	-----	568
New Gallatin Coal Co. #2.....	N. Y. C.....	21,375	-----	-----	-----	21,375
Total.....	-----	3,246,909	7,349	25,671	-----	3,279,929
SCHUYLER COUNTY						
Peabody Coal Company "Key".....	C. B. & Q.....	2,325	1,475	-----	-----	3,800
STARK COUNTY						
Stonefort Coal Mining Co., Inc.....	C. B. & Q.....	201,506	2,652	-----	-----	204,158
	C. & N. W. Belt.....	234,654	5,931	-----	-----	240,585
	-----	-----	-----	52	-----	52
Total.....	-----	436,160	8,583	52	-----	444,795
VERMILION COUNTY						
Fairview Collieries Corp. "Harmattan".....	N. Y. C.....	494,135	-----	-----	-----	494,135
	N. & W.....	-----	-----	3,886	-----	3,886
The United Electric Coal Co. #25.....	C. & E. I.....	226,580	-----	-----	-----	226,580
V-Day Coal Company.....	N. Y. C.....	31,189	-----	-----	-----	31,189
Total.....	-----	751,904	-----	3,886	-----	755,790
WILLIAMSON COUNTY						
Thunderbird Collieries Corp. "Delta".....	I. C.....	382,124	854	-----	-----	382,978
	N. Y. C.....	610,405	-----	-----	-----	610,405
Peabody Coal Co. "Utility".....	M. P.....	102,332	-----	-----	-----	102,332
	C. B. & Q.....	218,201	-----	-----	-----	218,201
Bell & Zoller Coal Co. #4.....	C. & E. I.....	460,555	147	-----	-----	460,702
	I. C.....	205,191	106	-----	-----	205,297
	C. B. & Q.....	200,357	-----	633	-----	200,990
	M. P.....	176,134	-----	-----	-----	176,134
Blue Bird Coal Company.....	N. Y. C.....	126,449	-----	-----	-----	126,449
Bell & Zoller Coal Co. #3.....	I. C.....	431,342	5,624	-----	-----	436,966
	C. B. & Q.....	326,130	9,578	-----	-----	335,708
	M. P.....	76,644	-----	-----	-----	76,644
Forsyth-Energy Coal Co.....	C. B. & Q.....	170,297	3,897	-----	-----	174,194
	I. C.....	218,768	-----	-----	-----	218,768
	M. P.....	3,873	-----	-----	-----	3,873
Thunderbird Collieries Corp. "Carmac".....	I. C.....	195,910	-----	-----	-----	195,910
Freeman Coal Mining Corp. #4.....	I. C.....	570,946	2,926	-----	-----	573,872
	C. & E. I.....	418,282	111	-----	-----	418,393
	M. P.....	78,794	-----	-----	-----	78,794
Stonefort Coal Mining Co. "Will Scarlet".....	N. Y. C.....	797,511	-----	-----	-----	797,511
Big Muddy Coal Co.....	I. C.....	12,902	-----	-----	-----	12,902
Parton Coal Company #2.....	C. & E. I.....	-----	14,800	-----	-----	14,800
Basin Cream Coal Co., Inc. #1.....	I. C.....	1,752	-----	-----	-----	1,752
Blue Blaze Coal Co. #2.....	C. B. & Q.....	-----	-----	6,050	-----	6,050
Morse Coal Company.....	N. Y. C.....	18,528	-----	-----	-----	18,528
Polinski Mines "Dogwalk".....	C. & E. I.....	10,000	-----	-----	-----	10,000
Liberty Coal Company #3.....	I. C.....	33,874	-----	-----	-----	33,874
Wenzel Bros. Coal Co. #1.....	C. & E. I.....	2,300	-----	-----	-----	2,300
Total.....	-----	5,849,601	38,043	6,683	-----	5,894,327
GRAND TOTAL.....	-----	44,972,047	201,838	164,992	-----	45,338,877

II PRODUCTION—TABLE 12—SPECIAL PREPARATION PLANTS

Name of operator	Address	Type and make of installation	Tonnage prepared or capacity of plant
Barbara Kay Coal Co.	Marion	Deister Table	102,558
Belle Valley Coal Co.	Belleville	Wemco Heavy Media	94,758
Bell & Zoller Coal Co. #3	Zeigler	Roberts & Schaefer	928,352
Bell & Zoller Coal Co. #4	Johnston City	McNally-Pittsburg	1,097,177
Blue Bird Coal Co. "Turner"	Harrisburg	Deister Tables	159,424
Eddy Coal Co.	Cantrall	Air Washer	70,244
Elk Coal Co.	Elkville	Wemco Heavy Media	11,734
Fairview Collieries Corp.	Fairview	Mechanical Washing	83,194
Fairview Collieries Corp.	Danville	Mechanical Washing	836,881
Forsyth-Energy Coal Co.	Herrin	McNally-Pittsburg	474,592
Freeman Coal Mining Corp. "Crown"	Farmersville	Roberts & Schaefer	2,050,994
Freeman Coal Mining Corp. #3	Waltonville	Deduster, Dry Cleaner, Heavy Media	2,517,491
Freeman Coal Mining Corp. #4	Marion	Roberts & Schaefer	1,080,813
Freeman Coal Mining Corp. #5	West Frankfort	Heavy Media & Deister Tables	1,367,733
Harrisburg Coal Co.	Marion	Deister Tables	67,002
Little Dog Coal Co.	Gillespie	Jeffrey Washer	373,937
Little Sister Coal Corp.	St. David	Link-Belt Simon-Carves	924,861
Livingston-Mt. Olive Coal Co.	Livingston	Wemco Heavy Media	3,211
Lumaghi Coal Co. #4	Collinsville	Jeffrey Baum Jig	123,611
Midland Electric Coal Corp. #1	Atkinson	McNally Norton Mogul	258,932
Midland Electric Coal Corp. "Green Diamond"	Marissa	McNally-Pittsburg	1,121,772
Midland Electric Coal Corp. "Middle Grove"	Farmington	Link-Belt & McNally-Pittsburg	1,384,911
Midland Electric Coal Corp. "Mecco"	Victoria	McNally	904,360
Moffat Coal Co.	Murdock	Jeffrey #200	581,246
New Gallatin Coal Co. #2	Harrisburg	Roberts & Schaefer	21,375
Old Ben Coal Corp. #9	West Frankfort	McNally-Pittsburg Hydro	1,665,086
Old Ben Coal Corp. #21	Sesser	Mogul Jig, Super Air Flow	2,827,143
Parton Coal Co. #2	Marion	Deister Table	49,884
Peabody Coal Co. #10	Pawnee	Jig Washer	2,555,031
Peabody Coal Co. "Bright Star"	Fairview	McNally-Pittsburg	367,548
Peabody Coal Co. "Edwards"	Edwards	McNally-Pittsburg	315,686
Peabody Coal Co. "Strip"	Millstadt	Jeffrey Jig	801,132
Peabody Coal Co. "Drift"	Millstadt	Jeffrey Jig	270,943
Peabody Coal Co. "Key"	Rushville	McNally Jig	566,885
Peabody Coal Co. "Northern"	So. Wilmington	McNally-Pittsburg	827,985
Peabody Coal Co. "River King"	Freeburg	McNally-Pittsburg	3,463,535
Peabody Coal Co. "Utility"	Marion	Heavy Media Washer	320,665
Sahara Coal Co., Inc. #5	Harrisburg	Central Washing Plant	603,802
Sahara Coal Co., Inc. #6	Harrisburg	Central Washing Plant	998,517
Sahara Coal Co., Inc. #16	Harrisburg	Central Washing Plant	680,032
Sherwood-Templeton Coal Co.	Laura	O. R. C. Washboxes	126,798
Shuler Coal Co.	Alpha	Chem-Jet Dust Control System	70,504
Southwestern Ill. Coal Corp. "Captain"	Percy	McNally-Pittsburg	442,263
Southwestern Ill. Coal Corp. "Streamline"	Percy	McNally Washery	1,382,186
Stonefort Coal Mining Co., Inc.	Wyoming	Jig Type	444,795
Stonefort Coal Mining Co.	Stonefort	Link-Belt Baum Type Jigs	797,511
Thunderbird Collieries "Carmac"	Stonefort	Mechanical Washing Plant	196,965
Thunderbird Collieries Corp. "Delta"	Marion	Mechanical Washing Plant	996,762
Thunderbird Collieries Corp. "Sun Spot"	Vermont	Mechanical Washing Plant	775,086
Triple S Mines, Inc.	Augusta	Pittsburg-McNally	28,109
Truax-Traer Coal Co. "Slope" #2	Elkville	McNally-Pittsburg	36,639
Truax-Traer Coal Co. #2 "Strip"	DuQuoin	McNally-Pittsburg	1,700,246
Truax-Traer Coal Co. #1 "Strip"	Elkville	McNally-Pittsburg	1,092,223
Truax-Traer Coal Co. "Red Ember"	Fiatt	McNally-Pittsburg	1,873,793
The United Electric Coal Cos. #9	Cuba	McNally-Norton	922,207
The United Electric Coal Cos. #11	DuQuoin	Koppers Rheolauger	1,909,080
The United Electric Coal Cos. #17	Canton	Neldeo Heavy Media	1,299,695
The United Electric Coal Cos. #27	Glasford	Roberts & Schaefer	678,478
V-Day Coal Company	Danville	Belnap Roberts-Schaefer Calc-cum Chloride	39,440
Youngs Coal Corporation	Harrisburg	McNally-Pittsburg	609,656
Zeigler Coal & Coke	Sparta	McNally-Pittsburg	831,885

II PRODUCTION—TABLE 13—PHYSICAL AND MECH

Mine index number	County, name of operator and mines	Post office address of mine	Tons of coal produced in 1964	Number of seam
BUREAU COUNTY				
S-11	Midland Electric Coal Corp. #1.....	Atkinson.....	258,932	6
CHRISTIAN COUNTY				
S-8	Peabody Coal Co. #10.....	Pawnee.....	5,451,667	6
DOUGLAS COUNTY				
S-1	Moffat Coal Co., "Murdock".....	Murdock.....	581,246	6
FRANKLIN COUNTY				
S-20	Old Ben Coal Corp. #9.....	West Frankfort...	1,665,086	6
S-23	Old Ben Coal Corp. #21.....	Sesser.....	2,875,793	6
S-24	Freeman Coal Mining Corp. #5.....	West Frankfort...	1,367,733	6
FULTON COUNTY				
S-2	Little Sister Coal Corp.....	St. David.....	924,861	5
S-7	Midland Electric Coal Corp., "Middlegrove".....	Farmington.....	1,384,911	5&6
S-13	Truax-Traer Coal Co., "Red Ember".....	Fiatt.....	1,873,793	5
S-14	United Electric Coal Cos. #9.....	Cuba.....	922,207	5
S-15	United Electric Coal Cos. "Buckheart #17".....	Canton.....	2,054,951	5
S-40	Fairview Collieries "Flamingo" & Peabody Coal Co. "Bright Star".....	Fairview.....	450,742	6
S-43	Thunderbird Collieries Corp., "Sun Spot".....	Vermont.....	775,086	2
GALLATIN COUNTY				
L-2	B & W Coal Company #1.....	Junction.....	51,720	5
HENRY COUNTY				
S-2	Shuler Coal Company.....	Alpha.....	70,504	1
JACKSON COUNTY				
S-1	Truax-Traer Coal Co. #1 "Strip".....	Elkville.....	1,092,223	6
S-1	Truax-Traer Coal Co. #1 "Slope".....	Elkville.....	126,298	6
L-28	Elk Coal Company #1.....	Elkville.....	11,734	6
L-65	Farley Bros. Coal Co., "Black Dot #2".....	DeSoto.....	138,497	5
L-67	Fabeo, Inc.....	DeSoto.....	23,023	5
JEFFERSON COUNTY				
S-3	Freeman Coal Mining Corp. #3.....	Waltonville.....	2,517,491	6
KANKAKEE COUNTY				
S-1	Peabody Coal Co., "Northern".....	So. Wilmington...	827,985	2&7
KNOX COUNTY				
S-4	Midland Electric Coal Corp., "Mecco".....	Victoria.....	904,360	6
MACOUPIN COUNTY				
S-3	Little Dog Coal Co.....	Gillespie.....	373,937	6

ANICAL CHARACTERISTICS OF SHIPPING MINES—1964

Thick- ness of seam in feet	Shaft, slope, drift or strip	Depth surface to seam	Long wall or pillar and room	Mining	Haulage	Hoisting	Loading	Open or closed lights	Total tons of coal produced since mine opened	Year mine opened
				Hand, machine or both	Mechan- ical mule or both	Steam or electric	Hand, machine or both			
4'	Strip	68'							19,310,725	1929
7'2"	Slope	340'	P & R	Machine	Belt	Electric	Machine	Closed	48,150,396	1952
7'	Shaft	207'	P & R	Machine	Motor	Electric	Machine	Closed	5,970,846	1946
8'8"	Shaft	482'	Panel	Machine	Belt & Motor	Electric	Machine	Closed	37,499,671	1912
8'44"	Shaft	656'	Panel	Machine	Belt	Electric	Machine	Closed	11,125,661	1960
9'1"	Shaft	612'	P & R	Machine	Motor, Belt, & Shuttle Car	Electric	Machine	Closed	3,909,194	1960
4'3"	Strip	48' to 90'							18,903,720	1944
3'10" & 4'	Strip	75' & 32'							21,651,672	1933
4'	Strip	25' to 80'							35,201,760	1935
4'8"	Strip	73'							26,892,374	1924
4'10"	Strip	56'							27,404,663	1937
3'6"	Strip	40'							14,743,946	1942
2'4"	Strip	50'							1,364,361	1962
4'6"	Shaft	125'	P & R	Machine	Motor	Electric	Machine	Closed	1,194,118	1930
4'6"	Shaft	267'	P & R	Machine	Motor	Electric	Machine	Closed	2,903,019	1923
6'4"	Strip	70'							21,305,783	1929
6'	Slope	90' to 130'	P & R	Machine	Belt & Shuttle Car	Belt Electric	Machine	Closed	11,404,012	1941
7'6"	Shaft	145'	P & R	Machine	Motor		Machine	Closed	1,550,200	1936
3'8"	Strip	50'							299,213	1957
3'8"	Strip	53'							23,023	1964
9'	Slope	800'	P & R	Machine	Belt Con- veyor	Electric Belt Con- veyor	Machine	Closed	34,642,666	1951
3'	Strip	64'							11,013,375	1945
4'	Strip	20' to 60'							5,666,609	1956
7'6"	Shaft	347'	P & R	Machine	Motor	Electric	Machine	Closed	11,586,833	1918

II PRODUCTION—

Mine index number	County, name of operator and mines	Post office address of mine	Tons of coal produced in 1964	Number of seam
	MADISON COUNTY			
Z-3	Livingston-Mt. Olive Coal Co. #1.....	Livingston.....	3,211	6
	MERCER COUNTY			
L-62	Hazel Dell Coal Corp.....	New Windsor.....	50,189	1
	MONTGOMERY COUNTY			
S-4	Freeman Coal Mining Corp. "Crown".....	Farmersville.....	2,050,994	6
	PEORIA COUNTY			
L-150	Peabody Coal Co., "Edwards".....	Edwards.....	315,686	6
	PERRY COUNTY			
S-14	United Electric Coal Cos., "Fidelity #11".....	DuQuoin.....	1,909,080	6
Z-33	Truax-Traer Coal Co. #2.....	DuQuoin.....	1,700,246	6
S-34	Southwestern Ill. Coal Corp., "Captain".....	Percy.....	442,263	6
	RANDOLPH COUNTY			
S-7	Southwestern Ill. Coal Corp., "Streamline".....	Percy.....	1,382,186	6
S-17	Zeigler Coal & Coke Co., "Spartan".....	Sparta.....	831,885	6
S-18	Eden Mining Corp.....	Sparta.....	154,983	6
	ST. CLAIR COUNTY			
S-94	Peabody Coal Co., "River King".....	Freeburg.....	3,463,535	6
L-87	Midland Electric Coal Corp., "Green Diamond".....	Marissa.....	1,121,772	6
	SALINE COUNTY			
S-1	Sahara Coal Co., Inc. #6.....	Harrisburg.....	998,517	6
S-16	Sahara Coal Co., Inc. #5.....	Harrisburg.....	603,802	5
S-39	Sahara Coal Co., Inc. #16.....	Harrisburg.....	680,032	5
S-51	Youngs Coal Corp., "Walnut Grove".....	Harrisburg.....	609,656	2&3
L-98	Houston Coal Co. #1.....	Carrier Mills.....	25,671	6
L-114	Marshall Equip. Co., "Mary Ann".....	Harrisburg.....	180,610	5
L-121	New Gallatin Coal Co., "New Oak Hill #6".....	Harrisburg.....	100,200	5
L-122	Liberty Coal Co. #2 & Storme Mining Co.....	Marion.....	96,250	6
L-123	New Gallatin Coal Co. #1.....	Harrisburg.....	108,597	6
L-124	Shawneetown Coal Corp. #1.....	Herrin.....	568	2
L-125	New Gallatin Coal Co. #2.....	Harrisburg.....	21,375	6
	SCHUYLER COUNTY			
S-4	Peabody Coal Co., "Key".....	Rushville.....	566,885	5
	STARK COUNTY			
S-1	Stonefort Coal Mining Co., Inc. "Allendale".....	Wyoming.....	444,795	6
	VERMILION COUNTY			
S-61	Fairview Collieries Corp., "Harmattan".....	Danville.....	836,881	7
S-63	United Electric Coal Cos., "Mary Moore #25".....	Danville.....	229,220	7
L-220	V-Day Coal Co.....	Danville.....	39,440	6

TABLE 13—Continued

Thick- ness of seam in feet	Shaft, slope, drift or strip	Depth surface to seam	Long wall or pillar and room	Mining	Haulage	Hoisting	Loading	Open or closed lights	Total tons of coal produced since mine opened	Year mine opened
				Hand, machine or both	Mechan- ical mule or both	Steam or electric	Hand, machine or both			
6'	Shaft	185'	P & R	Machine	Motor	Electric	Machine	Closed	19,659,901	1903
4'6"	Shaft	150'	P & R	Machine	Motor	Electric	Machine	Closed	266,377	1957
7'	Shaft	354'	P & R	Machine	Belt, Shuttle Cars & Loco- motives	Electric	Machine	Closed	22,614,840	1951
3' to 4'	Strip	45'							2,209,163	1952
5'10"	Strip	51'							44,831,429	1929
5'4"	Strip	57'							13,826,320	1950
5'2"	Strip	35'							442,263	1964
5'7"	Strip	47'							26,092,212	1936
6'6"	Slope	200'	P & R	Machine	Belt	Belt	Machine	Closed	8,235,320	1952
5'6"	Strip	50'							451,279	1953
6'5"	Strip	65'							18,826,899	1957
7'	Slope	100'	P & R	Machine	Conveyor	Electric	Machine	Closed	7,261,951	1948
4'6"	Strip	40' to 80'							16,866,044	1936
4'6"	Slope	135'	P & R	Machine	Shuttle Car, Belt & Motor					
6'	Slope	200'	P & R	Machine	Shuttle Car & Belt	Belt	Machine	Closed	12,934,530	1938
4'&2'10"	Strip	110'							11,025,420	1941
4'10"	Strip	30'							5,181,834	1956
4'6"	Strip	60'							173,928	1955
4'8"	Strip	45'							700,413	1960
									111,003	1963
4'6"	Strip	47'							96,250	1964
5'	Strip	60'							108,597	1964
4'2"	Drift	132'	P & R	Machine		Belt	Machine	Closed	568	1964
5'3"	Drift	70'	P & R	Machine	Motor	Electric	Machine	Closed	21,375	1964
4'6"	Strip	57'							4,060,274	1958
4'3"	Strip	60'							2,016,575	1960
6'	Strip	80'							11,410,620	1949
5'2"	Strip	53'							2,657,665	1955
7'	Slope	304'	P & R	Machine	Motor	Electric	Machine	Closed	855,626	1945

II PRODUCTION—

Mine index number	County, name of operator and mines	Post office address of mine	Tons of coal produced in 1964	Number of seam
WILLIAMSON COUNTY				
S-4	Thunderbird Collieries Corp., "Delta".....	Marion.....	996,762	6
S-19	Peabody Coal Co., "Utility".....	Marion.....	320,665	6
S-83	Bell & Zoller Coal Co. #4.....	Johnston City.....	1,097,177	6
S-84	Blue Bird Coal Co., "Turner".....	Harrisburg.....	159,424	5
S-88	Bell & Zoller Coal Co. #3.....	Zeigler.....	928,352	6
S-92	Forsyth-Energy Coal Co.....	Herrin.....	474,592	5
S-94	Thunderbird Collieries Corp., "Carmac".....	Stonefort.....	196,965	5
S-99	Freeman Coal Mining Corp. #4.....	Marion.....	1,080,813	6
S-100	Stonefort Coal Mining Co., "Will Scarlet".....	Stonefort.....	797,511	2
S-101	Big Muddy Coal Co.....	DeSoto.....	12,902	6
L-177	Parton Coal Co. #2.....	Marion.....	49,884	5
L-245	Blue Blaze Coal Co. #2 & Basin Cream Coal Co.....	Herrin.....	15,379	6
L-248	Morse Coal Company.....	Carrier Mills.....	18,528	6
L-249	Polinski Mines "Dog Walk".....	Marion.....	10,000	6
L-250	Liberty Coal Co. #3.....	Cartersville.....	33,874	5
L-251	Wenzel Bros. Coal Co. #1.....	Marion.....	2,300	5

II PRODUCTION—TABLE 14—TOTAL PRODUCTION OF COAL IN TONS BY COUNTIES, 1882-1964

County	1964 production	Total production to date	County	1964 production	Total production to date
Adams.....	28,109	261,281	Madison.....	126,822	164,295,772
Bond.....		7,355,569	Marion.....		39,247,722
Brown.....		65,347	Marshall.....		12,516,141
Bureau.....	258,932	53,823,055	Menard.....	7,350	13,456,650
Calhoun.....		96,247	Mercer.....	51,651	15,283,208
Case.....		212,477	Monroe.....		8,284
Christian.....	5,451,697	259,829,612	Montgomery.....	2,070,058	101,260,133
Clark.....		4,482	Morgan.....		190,787
Clay.....		801	Moultrie.....		2,032,236
Clinton.....		38,656,325	Peoria.....	1,137,300	71,583,464
Coles.....		198,932	Perry.....	4,051,589	194,136,777
Crawford.....		45,400	Pike.....		5,081
Douglas.....	581,246	5,970,846	Pope.....		1,562
Edgar.....		915,698	Putnam.....		10,071,893
Effingham.....		796	Randolph.....	2,369,054	86,430,515
Franklin.....	5,908,612	514,490,084	Richland.....		154
Fulton.....	8,389,797	230,085,079	Rock Island.....		3,846,169
Gallatin.....	59,919	5,953,078	St. Clair.....	5,803,596	270,398,568
Greene.....	3,102	684,217	Saline.....	3,824,271	216,943,719
Grundy.....		40,872,430	Sangamon.....	70,244	233,449,607
Hamilton.....		22,097	Schuyler.....	566,885	7,105,552
Hancock.....		771,281	Scott.....		612,476
Hardin.....		40	Shelby.....		4,119,763
Henry.....	70,504	22,893,322	Stark.....	444,795	3,243,555
Jackson.....	1,392,165	94,158,252	Tazewell.....		17,633,802
Jasper.....		23,739	Vermilion.....	1,116,656	160,630,526
Jefferson.....	2,518,650	38,815,938	Wabash.....	1,103	198,226
Jersey.....		120,350	Warren.....		685,466
Johnson.....		214,004	Washington.....	28,295	18,025,969
Kankakee.....	827,985	11,921,138	White.....		1,676,741
Knox.....	904,360	46,035,554	Will.....		37,553,733
LaSalle.....		65,547,638	Williamson.....	6,373,905	361,330,523
Livingston.....		10,111,437	Woodford.....		7,810,160
Logan.....	21,899	14,456,208	Total Production		
Macon.....		11,000,468	1964.....	54,834,488	
Macoupin.....	373,937	264,450,524	Total 1882-1964.....		3,804,258,022
McDonough.....		2,634,903	Estimated Production		
McLean.....		5,514,139	1833-1881.....		73,386,123
			Total Production		
			(1833-1964).....		3,877,644,145

II PRODUCTION—TABLE 15—SUMMARY OF THE VARIOUS SEAMS OF COAL, KIND OF OPENING, MANNER OF WORKING, AND TONS PRODUCED FROM EACH SEAM

Number of seam	Number of—		Kind of opening				Manner of work			Total tons produced
	Coun- ties	Mines	Shaft	Drift	Slope	Strip	Pillar and room	Long- wall	Strip	
One.....	2	3	2	0	0	1	2		1	122,155
Two.....	10	14	2	0	0	12	2		12	4,111,737
Three.....										
Four.....										
Five.....	10	34	4	0	11	19	15		19	10,719,487
Six.....	21	53	12	2	11	28	25		28	38,804,040
Seven.....	1	4	0	0	2	2	2		2	1,077,069
Total.....	44	108	20	2	24	62	46		62	54,834,488

III *Labor and Employment*

FRANKLIN COUNTY									
Shipping Mines									
Freeman Coal Mining Corp. #5.....	23	846	37	8	163	20	15	683	46 January.....
Old Ben Coal Corp. #9.....	19	722	38	12	104	14	7	538	80 February.....
Old Ben Coal Corp. #21.....	10	436	44	5	70	14	5	366	73 March.....
									April.....
									May.....
									June.....
									July.....
									August.....
									September.....
									October.....
									November.....
									December.....
Total.....	52	2,004	385	25	397	16	27	1,607	60
FULTON COUNTY									
Shipping Mines									
Little Sister Coal Corp.....	4	143	36	3	38	13	1	105	105 January.....
Midland Electric Coal Corp.....									
"Middlegrove".....	8	573	72	6	93	16	2	480	240 February.....
Pesbody Coal Co. "Bright Star".....	4	217	53	1	11	11	3	206	69 April.....
Thunderbird Collieries Corp.....									
"Sun Spot".....	4	85	21	3	36	12	1	49	49 May.....
Truax-Traer Coal Co. "Red Ember".....	4	80	20	4	80	20			June.....
United Electric Coal Co. #9.....	5	166	33	3	59	4	2	107	53 July.....
United Electric Coal Co. #17.....	8	198	25	2	22	11	3	176	58 August.....
									September.....
									October.....
									November.....
									December.....
Total.....	37	1,462	43	22	339	15	12	1,123	94
GALLATIN COUNTY									
Shipping Mine									
B & W Coal Co.....	4	227	57	2	19	10	2	208	104 February.....
									May.....
									November.....
Total.....	4	227	57	2	19	10	2	208	104
Local Mine									
Blu-Blaz-Blac Coal Co., Inc.....	1	27	27	1	27	27			January.....
Total.....	1	27	27	1	27	27			

III LABOR & EMPLOYMENT—TABLE 16—Continued

Name of operators	Number injured	Number not returned	Days lost by men returned		Loss of 7 days but less than 30 days			Loss of 30 days or more			Month in which accident occurred		
			Total	Average	Number injured	Days lost		Number injured	Days lost		Month	Number injured	
						Total	Average		Total	Average			
HENRY COUNTY Shipping Mine Shuler Coal Co.	3	-----	59	20	2	15	8	1	44		44	January..... September..... November.....	1 1 1
	3	-----	59	20	2	15	8	1	44		44		3
JACKSON COUNTY Shipping Mine Truax-Traer Coal Co. "Slope".....	4	2	24	12	2	24	12					September..... November..... December.....	1 2 1
	4	2	24	12	2	24	12						4
JEFFERSON COUNTY Shipping Mine Freeman Coal Mining Corp. #3.....	34	-----	1,471	43	14	264	19	20	1,207	60	60	January..... February..... March..... April..... May..... June..... July..... September..... October..... November..... December.....	5 2 3 2 5 5 1 1 4 2 4
	34	-----	1,471	43	14	264	19	20	1,207	60	60		34

KANKAKEE COUNTY Shipping Mine Peabody Coal Co. "Northern"	4	152	38	1	14	14	3	138	46 February..... September..... November..... December.....	1 1 1 1
Total	4	152	38	1	14	14	3	138	46	4
KNOX COUNTY Shipping Mine Midland Electric Coal Corp. "Mecco"	1	63	63				1	63	63 June.....	1
Total	1	63	63				1	63	63	1
LOGAN COUNTY Local Mine Logan County Coal Mine, Inc.....	4	211	53	2	42	21	2	169	85 February..... May..... October.....	2 1 1
Total	4	211	53	2	42	21	2	169	85	4
MACOUPIN COUNTY Shipping Mine Little Dog Coal Co.....	14	557	40	6	108	18	8	449	56 December, 1963 March..... April..... June..... July..... August..... September..... November.....	1 3 1 1 1 4 1 2
Total	14	557	40	6	108	18	8	449	56	14
MADISON COUNTY Local Mine Lumaghi Coal Co. #4.....	5	128	26	3	41	14	2	87	44 January..... February.....	1 4
Total	5	128	26	3	41	14	2	87	44	5
MENARD COUNTY Local Mine New Salem Mining Corp.....	1	30	30				1	30	30 September.....	1
Total	1	30	30				1	30	30	1

III LABOR & EMPLOYMENT—TABLE 16—Continued

Name of operators	Number injured	Days lost by men returned		Loss of 7 days but less than 30 days			Loss of 30 days or more		Month in which accident occurred			
		Total	Average	Number injured	Days lost		Number injured	Days lost		Month	Number injured	
					Total	Average		Total	Average			
Sr. CLAIR COUNTY—Concluded												
Local Mines												
Belle Valley Coal Co.	3	44	15	3	44	15				April	1	
Peabody Coal Co. "Midwest Drift"	1	33	33							June	1	
Peabody Coal Co. "Midwest Strip"	3	92	31	2	29	15				July	1	
										August	2	
										September	1	
										December	1	
Total	7	169	24	5	73	15				48	7	
SALINE COUNTY												
Shipping Mines												
New Gallatin Coal Co. #1	1	30	30							30 January	2	
Sahara Coal Co., Inc. #5	5	190	38	3	42	14				74 March	1	
Sahara Coal Co., Inc. #6	3	86	29	1	10	10				38 April	2	
Sahara Coal Co., Inc. #16	9	904	100	3	39	13				144 July	1	
Youngs Coal Corp. "Walnut Grove"	1	29	29	1	29	29				August	4	
										September	2	
										October	3	
										November	3	
										December	1	
Total	19	1,239	65	8	120	15				101	19	
J. W. Coal Co., Inc. #1												
Local Mines												
J. W. Coal Co., Inc. #1	1	8	8	1	8	8				July	1	
Total	1	8	8	1	8	8					1	
SCHUYLER COUNTY												
Shipping Mine												
Peabody Coal Co. "Key"	2	41	21	2	41	21				May	1	
										December	1	
Total	2	41	21	2	41	21					2	

STARK COUNTY Shipping Mine Stonefort Coal Mining Corp.	2	87	44	1	12	12	1	75	75	January- February	1
Total	2	87	44	1	12	12	1	75	75		2
VERMILION COUNTY Shipping Mine The United Electric Coal Cos. #25.	1	28	28	1	28	28				June	1
Total	1	28	28	1	28	28					1
Local Mine Blue Lake Coal Co.	1	34	34				1	34	34	January	1
Total	1	34	34				1	34	34		1
WILLIAMSON COUNTY Shipping Mines											
Basin Cream Coal Co.	1	40	40				1	40		December, 1963	1
Bell & Zoller Coal Co. #3.	16	261	16	6	103	17	10	158		16 January	6
Bell & Zoller Coal Co. #4.	9	331	12	5	88	18	4	243		61 February	7
Blue Bird Coal Co. "Turner"	4	129	32	1	10	10	3	119		40 March	2
Blue Blaze Coal Co. #2.	1	40	40				1	40		40 April	1
Forsyth-Energy Coal Co.	1	166	166				1	166		166 May	3
Freeman Coal Mining Corp. #4.	11	718	65	4	43	11	7	675		96 June	2
Parton Coal Co. #2	2	55	28	1	20	20	1	35		35 July	5
Stonefort Coal Mining Co.	2	126	63				2	126		63 August	7
"Will Scarlet"	2	61	30				2	61		30 September	4
"Carmac"	2	135	77	1	19	19	1	136		136 October	6
Thunderbird Collieries Corp.	2									November	2
Thunderbird Collieries Corp. "Delta"	2									December	5
Total	51	2,082	41	18	283	16	33	1,799	55		51
Local Mines											
Barbara Kay Coal Co.	1	45	45				1	45		45 January	1
Black Crystal Coal Co. #2.	1	14	14	1	14	14				June	1
Harrisburg Coal Co.	3	92	31	2	38	19	1	54		54 October	2
Total	5	151	30	3	52	17	2	99		December	1
Total Shipping Mines.	403	16,762	43	199	3,488	18	195	13,274	68		403
Total Local Mines.	32	869	28	19	292	15	12	577	48		32
Total All Mines.	435	17,631	41	218	3,780	17	207	13,851	67		435

ACCIDENTS

III LABOR & EMPLOYMENT—TABLE 17—COMPARATIVE STATISTICS OF
FATAL AND NON-FATAL ACCIDENTS FOR THE PERIOD 1928 TO 1964
INCLUSIVE, NON-FATAL ACCIDENTS OF 7 DAYS OR MORE LOST TIME

Year	Accidents		Tons mined to one—		Employees to one—	
	Fatal	Non-fatal	Fatal	Non-fatal	Fatal	Non-fatal
1928.....	139	5,785	404,396	9,392	471	11
1929.....	109	6,621	560,805	9,232	538	9
1930.....	112	5,106	482,456	10,580	500	11
1931.....	90	3,800	501,696	11,854	595	14
1932.....	114	2,643	299,205	12,884	552	19
1933.....	71	3,018	539,720	12,697	683	16
1934.....	86	3,133	485,164	13,318	576	16
1935.....	82	3,147	548,942	14,304	599	16
1936.....	93	3,165	553,504	16,263	528	16
1937.....	83	2,887	655,810	18,854	561	16
1938.....	84	2,240	504,612	18,923	516	19
1939.....	80	1,887	595,343	25,240	511	22
1940.....	83	2,091	624,603	20,020	447	18
1941.....	92	2,096	601,801	26,414	406	18
1942.....	94	2,546	710,066	25,784	319	14
1943.....	97	3,017	756,131	24,317	339	11
1944.....	87	3,578	889,655	21,632	369	9
1945.....	75	3,350	979,292	21,924	414	9
1946.....	61	2,908	1,045,362	20,552	532	11
1947.....	204	2,618	334,927	26,098	160	12
1948.....	68	2,270	973,041	29,148	484	14
1949.....	38	1,658	1,253,431	28,727	827	19
1950.....	45	1,629	1,272,940	35,164	690	19
1951.....	154	1,494	356,297	36,727	190	20
1952.....	31	1,122	1,475,890	40,778	768	21
1953.....	28	920	1,641,647	49,963	677	21
1954.....	23	736	1,816,337	57,622	725	23
1955.....	18	651	2,539,531	70,217	757	21
1956.....	20	665	2,390,202	71,886	647	19
1957.....	21	542	2,222,995	86,131	609	24
1958.....	9	449	4,864,125	97,499	1,265	25
1959.....	10	475	4,537,463	95,525	1,089	23
1960.....	10	385	4,582,063	119,015	1,053	27
1961.....	7	368	6,447,503	122,643	1,278	24
1962.....	20	418	2,417,696	115,679	439	21
1963.....	16	445	3,227,652	116,050	556	20
1964.....	9	435	6,092,720	126,056	1,009	21

TABLE 18—TONS OF COAL MINED, NUMBER EMPLOYED, NUMBER KILLED AND INJURED, TONS MINED TO ONE MAN KILLED AND INJURED, AND RATIOS PER 1,000 EMPLOYED AND PER 1,000,000 TONS MINED—1882-1964, INCLUDING INJURIES INVOLVING LOSS OF 30 DAYS OR MORE

Year	Tons mined	Number employed	Accidents		Tons mined to one man		Accidents		Per 1,000,000 tons mined	
			Fatal	Non-fatal	Killed	Injured	Fatal	Non-fatal	Fatal	Non-fatal
1882	9,115,661	20,290	40	50	227,892	182,313	2.0	2.5	4.4	5.5
1883	10,508,785	23,989	134	231	78,424	45,493	5.6	9.1	12.8	22.0
1884	10,101,004	25,575	46	197	219,557	66,611	1.8	7.7	4.6	19.5
1885	9,791,874	25,946	39	147	251,074	54,073	1.5	5.7	4.0	15.0
1886	9,246,435	25,846	52	171	177,816	57,105	2.0	6.6	5.6	18.5
1887	10,278,890	26,804	41	180	250,905	66,230	1.5	6.7	4.0	17.5
1888	11,855,188	29,410	55	179	215,549	66,230	1.9	6.1	4.7	15.1
1889	11,597,963	30,076	42	201	276,142	57,701	1.4	6.7	3.6	17.3
1890	12,638,364	32,951	53	294	238,460	42,988	1.9	10.3	4.2	23.4
1891	15,660,698	33,632	60	367	261,012	42,672	1.9	11.1	3.9	23.4
1892	17,862,276	35,390	57	370	313,373	48,276	1.7	11.0	3.2	20.7
1893	19,949,564	38,477	69	403	289,124	49,502	1.9	11.4	3.5	20.2
1894	17,113,576	38,477	72	521	237,690	32,848	1.9	13.5	4.2	30.4
1895	17,735,864	38,630	75	605	236,478	29,315	1.9	15.7	4.2	34.1
1896	19,786,626	37,032	77	672	256,969	29,444	2.1	18.1	3.9	34.0
1897	20,072,758	33,788	69	518	290,909	38,750	2.0	15.3	3.4	25.8
1898	18,569,299	35,026	75	438	247,991	42,464	2.1	12.5	4.0	23.5
1899	23,434,445	36,901	84	597	278,981	39,254	2.3	16.2	3.6	25.5
1900	25,153,029	39,354	94	611	267,559	41,168	2.4	15.5	3.7	24.3
1901	26,635,319	44,143	99	422	269,549	63,235	2.2	9.6	3.8	15.8
1902	30,021,300	46,003	99	406	303,245	73,914	2.2	8.8	3.3	13.5
1903	34,955,400	49,814	156	410	224,073	85,257	3.1	8.2	4.5	11.7
1904	37,077,897	54,774	157	507	236,165	73,132	2.9	9.3	4.2	13.7
1905	37,183,374	59,230	199	535	185,852	69,502	3.4	9.0	5.4	14.4
1906	38,317,581	62,253	155	480	247,210	79,828	2.5	7.7	4.0	12.5
1907	47,798,621	66,714	165	636	289,689	75,155	2.5	9.5	4.9	13.8
1908	49,272,436	70,841	163	819	269,248	60,162	2.6	11.6	3.7	16.6
1909	49,163,710	72,733	213	894	230,816	54,995	2.9	12.3	3.7	18.2
1910	46,117,653	74,631	406	742	119,535	65,697	5.4	9.2	8.3	15.2
1911	57,145,949	77,410	157	708	319,323	70,597	2.3	10.7	3.1	14.2
1912	57,516,240	78,407	175	1,095	325,467	69,338	2.2	12.9	3.1	13.9
1913	61,846,501	80,407	175	1,079	353,467	69,338	2.2	12.9	2.8	16.2
1914	60,715,795	80,635	159	1,079	381,860	56,691	2.0	13.4	2.6	17.6

1952	45,752,588	23,821	31	441	1,475,890	103,747	1.3	18.5	.7	9.6
1953	45,966,114	18,945	28	399	1,641,647	115,203	1.5	21.1	.6	8.7
1954	41,775,752	16,665	23	323	1,816,337	129,337	1.4	19.4	.55	7.7
1955	45,711,555	13,623	18	266	2,539,531	171,848	1.3	19.5	.39	5.8
1956	47,804,040	12,936	20	284	2,390,202	168,324	1.5	22.0	.42	5.9
1957	46,682,889	12,781	21	217	2,222,995	215,129	1.6	17.0	.45	4.6
1958	43,777,130	11,386	9	197	4,864,125	222,219	0.8	17.3	.21	4.5
1959	45,374,626	10,897	10	194	4,537,463	233,890	0.9	17.8	.22	4.3
1960	45,820,632	10,533	10	167	4,582,063	274,375	0.9	15.8	.22	3.6
1961	45,132,526	8,945	7	158	6,447,503	285,649	0.8	17.7	.15	3.5
1962	48,353,913	8,774	20	196	2,417,696	246,704	2.3	22.3	.41	4.0
1963	51,642,431	8,891	16	195	3,227,652	264,833	1.9	21.9	.31	3.8
1964	54,834,488	9,079	9	207	6,092,720	264,901	1.0	22.7	.16	3.8
Average—83 years	45,822,380	46,089	103	1,011	443,270	45,448	2.24	21.9	2.26	22.0

† July 1, 1924 to December 31, 1925.

NOTE—From 1882 to 1890 only net tons are shown.

III LABOR AND EMPLOYMENT—TABLE 19—FATAL ACCIDENTS BY
OCCUPATION AND CAUSES, 1964

Occupation	Underground						In shaft			On surface				Grand Total
	Fall of roof and slides	Machinery	Haulage	Electricity	Mine fires	Other causes	Falling down shaft	Cage	Other causes	Total	Machinery	Railway cars	Other causes	Total
Assistant Mine Manager.....	1						1							1
Car Dropper.....														1
Continuous Miner Operator.....	2						2					1		2
Face Boss.....		1					1							1
Roof Bolter.....		1					1							1
Stripping Shovel Operator.....					1		1						1	1
Underground Laborer.....							1							1
Utility Man.....		1					1							1
Total.....	3	3			1		7					1	1	9

III LABOR AND EMPLOYMENT—TABLE 20—CAUSES OF FATAL ACCIDENTS
BY YEARS — 1882-1964

Year	Total number killed	Underground						Total	In shaft				Total	On surface				Total
		Fall of roof and slides	Gas explosions	Haulage	Electricity	Explosives	Other causes		Falling down shaft	Cage	Other causes	Machinery		Railway cars	Other causes			
1882	40	26				5	9	40										
1883	134	40	12	2		2	78	134										
1884	46	29	4			6	7	46										
1885	39	20					19	39										
1886	52	32		5		10	4	47	1		4	5						
1887	41	28					13	41										
1888	54	33		6		9	3	48	4	2		6						
1889	42	26		5		3	1	35	2		1	7						
1890	52	36	5	3		4		48		4		4						
1891	58	33	4	2		11	1	51	1	4	2	7						
1892	56	28	3	6		4	3	44	8	4		12						
1893	68	48	2	2		6	2	60	3	4	1	8						
1894	70	43		6		8		57	5	8		13						
1895	75	38	5	6		12	2	63	5	4	1	10	1	1			2	
1896	77	41	2	9		9	2	63	6	5		11	1		1		3	
1897	69	46	2	1		11		60	6		1	7	1	1			2	
1898	75	43	7	3		11	2	66	4	2		6	1		1		3	
1899	84	51	5	6		6	6	74	4	5		9		1			1	
1900	94	51	1	11		20		83	1	4	2	7	2				4	
1901	99	57	1	14		20	3	95	1	1		2				2	2	
1902	99	55		15		17	1	88	7	2		9				2	2	

III LABOR AND EMPLOYMENT—TABLE 20—Concluded

Year	Total number killed	Underground						In shaft				On surface			
		Fall of roof and slides	Gas explosions	Haulage	Electricity	Explosives	Other causes	Falling down shaft	Cage	Other causes	Total	Machinery	Railway cars	Other causes	Total
1903.....	156	77	8	18	1	41	2	147	2	6	8			1	1
1904.....	157	65		21	1	44	3	134	10	4	14	6		1	9
1905.....	199	80	59	11	1	32	3	186	5	6	12		1		1
1906.....	155	84	2	22		22	1	131	9	5	15	3		2	9
1907.....	165	84	4	29	1	25	2	145	6	8	14		4	2	6
1908.....	183	91	7	35	1	29	1	164	3	1	7	4			12
1909.....	213	84	44	30	2	29	1	190	5	4	10	3		2	13
1910.....	406	65	20	23	3	17	258	386	3	6	9	3		5	18
1911.....	157	80	8	40	1	10	4	143	5	2	9		2	3	1
1912.....	180	98	3	38	3	13	12	167	6	3	9		2	2	5
1913.....	175	81	10	50	6	10	5	162	5	4	10		2	1	4
1914.....	159	83	6	40	6	6	7	148	2	1	3		4	4	3
1915.....	180	57	68	27	2	9	12	175	1		3		2		8
1916.....	165	80	12	43	4	13	1	153	4		4	2	6		2
1917.....	207	77	19	67	7	12	3	185		4	5	5	9	3	18
1918.....	259	100	27	70	13	20	4	234	8	8	18		4	3	7
1919.....	208	93	31	51	7	12	1	195	4	4	10		2	1	7
1920.....	181	91	7	41	14	9	5	167	8	2	10	1	2	1	3
1921.....	222	112	6	54	9	20	8	209	2	4	6	1	4	2	4
1922.....	159	71	15	29	8	17	7	147	2	1	6		5	1	7
1923.....	161	82	2	40	6	13	6	149	3	1	5		4	3	6
1924.....	184	76	40	37	5	10	8	176	2		4	2			7
1925.....	183	89	5	46	12	11	9	172	1	2	3	3		2	4
1926.....	165	85	13	39	5	7	4	153	7	1	9	1	1	1	8
1927.....	106	44	17	18	5	5	8	97	3	1	4	2	2	1	3
1928.....	139	72	23	21	2	6	5	129	1	1	2	1	4	3	5
1929.....	109	52	8	24	5	6	5	100	1	2	3	2	2	2	6
1930.....	112	72	4	20	3	2	5	106		1	1	1	2	2	5
1931.....	90	54	2	15	6	2	5	84		4	4		1	1	2
1932.....	114	33	54	10		4	4	105						4	5
1933.....	71	45	1	12	3	3	3	67	3		3		1		1
1934.....	86	48		18	5	2	5	78			3	3		5	8
1935.....	82	34	1	17	3	3	15	73	2	1	3	1	1	4	6
1936.....	93	54	2	12	1	2	16	85				2		6	8
1937.....	83	45	2	17	2		9	75			2			5	7
1938.....	85	41	5	16		5	6	74	1		1	1	4	5	10
1939.....	80	47		20	4	1	3	75			1	1	1	2	4
1940.....	84	45	1	17	2	1	9	75		1	1	1	1	4	7
1941.....	92	45	11	13	4	8	7	88	1		1	2	1		3
1942.....	94	47		19	2	3	9	80			2			14	14
1943.....	97	47	1	27	2	5	3	85	1		2		3	5	10
1944.....	87	57		19	4	2	1	83		1	3				3
1945.....	75	40		15	3	5		63	2		3	5		2	9
1946.....	61	31		16		2	7	56	2		2		1	2	3
1947.....	204	30	141	18	2	1		192	1		1	2	4	5	11
1948.....	68	40		14	1	1	2	58	1	1	3	2		5	7
1949.....	38	30					4	34				2		2	4
1950.....	45	24		11	2	1	2	40				1	1	3	5
1951.....	154	19	119	5		1	3	147				1	2	4	7
1952.....	31	15		8	2		1	26					1	4	5
1953.....	28	16		6			1	23					3	2	5
1954.....	23	9		6			1	16	3		3	1	1	2	4
1955.....	18	8		4	1	1		15				1	2		3
1956.....	20	10		7			2	19						1	1
1957.....	21	14		2			2	18				1	1		3
1958.....	9	4					1	5		1	1			3	3
1959.....	10	6					1	7					1	2	3
1960.....	10	2		1			1	4				2	1	3	6
1961.....	7	3		1	1			5				1	1		2
1962.....	20	4	11	1			1	17				2		1	3
1963.....	16	8					4	12				2	1	1	4
1964.....	9	3					4	7				1	1		2

III LABOR & EMPLOYMENT—TABLE 21—COMPARATIVE STATISTICS OF
FATAL ACCIDENTS FOR THE PERIOD 1955 TO 1964 INCLUSIVE AND TONS
MINED TO ONE MAN KILLED

Year	Fatals	Tons mined	Tons mined to one man killed	Year	Fatals	Tons mined	Tons mined to one man killed
1955.....	18	45,711,555	2,539,531	1960.....	10	45,820,632	4,582,063
1956.....	20	47,804,040	2,390,202	1961.....	7	45,132,526	6,447,503
1957.....	21	46,682,889	2,222,995	1962.....	20	48,353,913	2,417,696
1958.....	9	43,777,130	4,864,125	1963.....	16	51,642,431	3,227,652
1959.....	10	45,374,626	4,537,463	1964.....	9	54,834,488	6,092,721
Totals....	78	229,350,240	2,940,388	Totals....	62	245,783,990	3,964,258

III LABOR & EMPLOYMENT—TABLE 22—FATAL ACCIDENTS—1964

County	Date of injury	Date of death	Name	Residence	Age					Name of operator and number or letter of mine	Occupation	Cause of death
					Married	Single	Widow	Children	Dependents			
Franklin.....	1-7-64	1-7-64	Samuel Edgar Mallory.....	Christopher.....	48 x			2	3	Old Ben Coal Corp. #9.....	Continuous Miner Operator.....	Roof Fall
Franklin.....	1-7-64	1-7-64	Ted Dvor Potapan.....	W. Frankfort.....	55 x			0	1	Old Ben Coal Corp. #9.....	Assistant Mine Manager.....	Roof Fall
Christian.....	2-21-64	2-21-64	John J. Hicks.....	Taylorville.....	48 x			2	3	Peabody Coal Co. #10.....	Face Boss.....	Machinery
Williamson.....	4-14-64	4-14-64	Michael Urban.....	W. Frankfort.....	56 x			3	4	Bell & Zoller Coal Co., Zeigler #3.....	Underground Laborer.....	Mine Fire
Williamson.....	6-18-64	6-21-64	Charles Finney.....	Herrin.....	59 x			0	1	Bell & Zoller Coal Co., Zeigler #4.....	Utility Man.....	Machinery
Fulton.....	7-28-64	7-28-64	Dallas Earl Winn.....	Elmwood.....	56 x			1	2	Midland Electric Coal Corp., "Middlegrove".....	Stripping Shovel Operator.....	Hightwall Fall
Randolph.....	10-26-64	10-26-64	Jack Dempsey Malone.....	DuQuoin.....	49 x			4	5	Zeigler Coal & Coke Co., Spartan Mine.....	Roof Bolter.....	Machinery
Montgomery.....	11-4-64	11-4-64	Roy Dwight Phipps.....	Pana.....	48 x			0	1	Truax-Truer Coal Co., Hillsboro Mine.....	Continuous miner Operator.....	Roof Fall
Stark.....	11-20-64	11-20-64	Leonard F. DeReu.....	Kewanee.....	49 x			0	1	Stonesfort Coal Mining Co., Inc Attendale.....	Car Dropper.....	Railroad Cars

SUMMARY OF FATAL ACCIDENTS

1964

Mr. Samuel Edgar Mallory, age 48, married, 2 dependent children and Mr. Ted Divor Potepan, age 55, married, came to their deaths on January 7, 1964 from injuries sustained while working underground in the Old Ben Coal Corporation, Mine #21, caused by a rock fall. Mr. Mallory was employed as a Continuous Miner Operator and had had 27 years experience at this mine. Mr. Potepan was employed as Assistant Mine Manager and had had 19 years experience at this mine.

The accident occurred at 5:50 a.m. The boring type continuous mining machine had cut number 21 Room just past the location of a north bleeder place. The machine was then moved out of Room 20 into Room 19. Room 19 was then driven east parallel with Room 20, leaving the regular thickness of pillar between the rooms (about 8 feet) to a depth corresponding to Room 20. The machine was then turned at a 45 degree angle and a Crosscut was driven through to Room 20. The machine was then moved across Room 20 and started to cut into the north rib of Room 20 to drive a north bleeder.

After starting to cut, the top coal was seen to be working and small pieces of coal dropping. Potepan ordered the machine stopped and two props were set on the right side of the machine. While this was being done, Alva Darrough, the machine runner, was trying to pull the coal down with a coal bar. It was seen to be working on the left side of the machine. Then Mr. Potepan and Mr. Mallory went to that side of the machine and tried to pull the top coal down with a pick. Unable to do this, the coal bar was passed to Mr. Potepan who started to work on the coal with the bar. The coal started to work more.

Mr. Hosea Thomas, a shuttle car operator, stated that he saw Mr. Potepan and Mr. Mallory move back in to No. 20 Room. The coal worked a short interval and fell. With the top coal a large rock fell across the machine. The rock broke into several pieces, the largest of which one end rested on the machine and the other end on the floor. Both Potepan and Mallory were caught under the end of the rock resting on the floor. Mr. Mallory was soon recovered from under the rock and was sent out of the mine. It took some time to recover Mr. Potepan from under the rock, as jacks had to be brought from the bottom. Both men were apparently dead when taken from under the rock. A doctor pronounced them both dead when they arrived at the surface.

Mr. John J. Hicks, age 48, married, two dependent children, was fatally injured at about 7:00 p.m. on February 21, 1964 at the Peabody Coal Company Mine #10 located at Pawnee, Christian County, Illinois. He was employed as a Face Boss and had had six years experience at this mine.

Mr. Hicks was attempting to load a cutting machine part into a battery shuttle car. Mr. Eulas Purcell, repairman, brought the machine part into Mr. Hicks at the end of the track in the 2nd East Main North about an hour prior to the accident. Mr. Hicks, the victim, told Mr. Purcell to go in and help Mr. Ferrari, the section foreman, repair the other cutting machine which was also broke down.

Mr. Hicks was alone at the time of the accident. He was found sitting on the shuttle car seat by Mr. Ferrari and Mr. Purcell. Mr. Hicks was put on a stretcher and taken out to the surface where he was pronounced dead about 8:10 p.m. by a doctor. The doctor said he had a broken neck and probably died instantly.

No unusual conditions were noted at the scene of the accident. The timbering machine and shuttle car were checked and found in good working condition, except for lights, which had no bearing on this accident. A timbering machine which was in a crosscut nearby was used to lift the machine part off the trolley motor. A hoist that is used for this kind of work was about 270 feet away on the track road. The cause of the accident was improper use of machinery and being away from his duties.

Mr. Michael Urban, age 56, married, three dependent children, came to his death on April 14, 1964, while working at the Bell & Zoller Coal Co., Zeigler #3 Mine located three miles south of Zeigler, Williamson County, Illinois. He was employed as an Underground Laborer and had had 13 years experience at this mine.

On Tuesday, April 14, 1964 at about 2:00 a.m., a fire was discovered in a parked haulage locomotive. The fire area was located in the M.W. entries, just inby the track switch on the west end of the #2 passing track. This fire was caused by a motor which was pulling a trip of material cars, with the trolley pole being left on the wire unattended while the operator and his helper were performing other work in the South section of the mine. The motor first caught fire and burned because of a short-circuit and this fire in turn set timbers and coal around it on fire.

Six of the seven men working inby reached safety, traveling through the provided escapeway (return airway). The seventh man, Mr. Michael Urban, who was engaged in hand rockdusting the haulage floor about 2100 ft. inby the fire, was unaccounted for. After many unsuccessful attempts to contact Mr. Urban by trolley phone, the foreman, using a self-rescuer, traveled to No. 16 north panel in an attempt

to locate Mr. Urban. However, he found that the smoke was too dense and returned to the fire area. The fire was brought under control by direct fire fighting methods about 4:30 a.m. Two searching parties were then formed. One traveled up the 1-2 W. return escapeway entries and the other up the intake entries to the area where Urban had last been known to be working. When they had traveled up these entries about one-half mile, Mr. Urban was found lying in a crosscut just inby his motor, dead. Artificial respiration was attempted but was unsuccessful. Mr. Urban was carried on a stretcher out of the mine and brought to the surface about 7:00 a.m.

Mr. Charles Finney, age 59, married, was seriously injured on June 18, 1964 at 5:55 a.m. while working at the Bell & Zoller Coal Co., Zeigler #4 Mine located at Johnston City, Williamson County, Illinois. He was employed as a Utility Man and had had 13 years experience at this mine.

The continuous miner used in the 10-11-12 SW development section was being repaired at the time the mine manager sent Mr. Finney and two other men in to rockdust the section. When these three men arrived in this section with their equipment, and before they started rockdusting, they traveled over the section to see where the machinery was, what curtains were up, and what needed to be done in order for them to do their job. Two repairmen were on the section making repairs to the continuous miner. They agreed to move the miner so it would be out of the way for the dusters. When they moved it, they parked it with part of the machine in the entry and the tail dropped and swung around into the crosscut. When Mr. Finney started to pass through this crosscut from the 11S to the 10S, he saw the machine ahead of him, but the power switch stuck in the on position. Mr. Finney drove into the tail section of the continuous miner, with the steering wheel assembly bracket bending and the steering wheel pinning him in the deck of the jeep. Prior to the time of the accident, this switch had stuck twice before. The two men working with Mr. Finney stated they did not know if he had used emery cloth or otherwise tried to fix it. Also, they stated they knew there was no light on the jeep.

Mr. Finney was taken to the Herrin Hospital where he died on June 21, 1964 as a result of the multiple internal injuries received on June 18, 1964.

Mr. Dallas Earl Winn, age 56, married, one dependent child, was fatally injured on July 28, 1964 at the Midland Electric Coal Corporation, Middlegrove Mine located at Farmington, Fulton County, Illinois. He was employed as a Stripping Shovel Operator and had had 31 years experience at this mine.

Mr. Dallas Earl Winn, operator of the Marion 5761 Stripping Shovel, was fatally injured and Mr. George A. Long, shovel oiler, was seriously injured when loam and clay toppled from the top of the 94 foot highwall in the #6 pit nearly opposite the middle entrance road, crushing the operator's cab and trapping the men in the cab. Dr. James Reed and an ambulance arrived at about 3:45 a.m. and remained in attendance until the men were released by the use of jacks and cutting torches. Mr. Winn was pronounced dead at 6:20 a.m., but was not removed from his seat until the arrival of the coroner. Mr. Long was seriously injured and was taken to the St. Francis Hospital in Peoria, Illinois, where he reportedly suffered from a broken arm, leg, and pelvis, and from shock.

At the time of the accident, a crew was cleaning up a previous slide. The oiler and the groundman stated they noticed the highwall working some and decided they should notify the cab operator. Mr. Long stated he had just reached the cab and gave the warning, but not in time to get himself in the clear.

Mr. Jack Dempsey Malone, age 49, married, 4 dependent children, was fatally injured on October 26, 1964 at 7:45 a.m. at the Zeigler Coal and Coke Company, Spartan Mine located at Sparta, Randolph County, Illinois. He was employed as a Roof Bolter and had had 3 years experience at this mine.

The accident happened on the main west haulage road 300 ft. outby the 4th panel north. Mr. Malone and five other men were riding to the bottom in a battery operated shuttle car after finishing their shift. Mr. Malone was sitting in the front of the car. The conveyor on the shuttle car started causing Mr. Malone to fall in front of the car. Evidence showed the deceased had been dragged and rolled under the car about 60 ft. before the car passed over him. His body was found about 10 ft. behind the shuttle car.

Mr. George Hannah, an eye witness, said the conveyor chain on the shuttle car started and Mr. Malone fell out in front of the car, but he did not know what caused it to start. Mr. Cecil Shockley, the buggy driver, stated that he did not know what started the conveyor chain or when it started. The first thing he knew, the men in the back of the car started shouting to shut it off, but Mr. Malone was already under the car and before he got the car stopped, it had passed over his body. The brakes and other mechanical devices on the shuttle car were checked and were in good working condition.

The deceased was pronounced dead on arrival at the surface. It is believed he was killed instantly.

Mr. Roy Dwight Phipps was killed almost instantly by a roof fall at the Truax-Traer Coal Company, Hillsboro Mine, located at Coffeen, Montgomery County, Illinois on November 4, 1964 at about 3:55 a.m. He was employed as a Continuous Miner Operator and had had 2 months experience at this mine.

Mr. Phipps was fatally injured by a fall of top coal 6 feet wide, 10 ft. long, 10½ inches thick on the right side, tapering to a thin edge on the left side. This top coal fell across the boom of the continuous miner and broken into several pieces. The piece that hit Mr. Phipps measured 2½ feet by 3 feet and averaged about 10 inches thick. The coroner stated the cause of death was a broken neck and a fracture at the base of the skull.

Ordinarily, eight to ten inches of top coal is left to help support the roof; however, a concealed slip above the coal caused the thickness of coal to lessen on one side, causing this top coal to fall without any warning. The roof was tested by the foreman about ten minutes before the accident and by Mr. Phipps and his buddy, and said to be safe. After each buggy, the men have about five to ten minutes to test and check the roof and ribs and other hazards that may be encountered. This roof is known to be hazardous all the way from the bottom of the shaft. This roof was watched very carefully and at any time it was thought to be unsafe, the miner was trammed back and the roof bolted. Conventional timbers are also available if deemed necessary. This roof was bolted right to the face before the miner started to bore and advanced 23 feet when the accident happened. Mr. Phipps was 16½ feet from the face and 6½ feet in from the last roof support.

Mr. Phipps was taken by ambulance to the Hillsboro Hospital where the doctor pronounced him dead on arrival.

Mr. Leonard F. DeReu, age 49, married, was fatally injured on November 20, 1964 at the Stonefort Coal Mining Co., Inc., Alledale Mine, located at Wyoming, Stark County, Illinois. He was employed as a Car Dropper and had had 4 months experience at this mine.

Time of the accident was placed at about 11:10 a.m. Death was due to a fractured skull and brain hemorrhage, which was apparently caused by falling or being blown off the railroad cars he was dropping. He also received a crushed foot, which was the only evidence indicating that he was run over by the cars.

Mr. DeReu was observed going up to the car yards and was not seen again until his body was found lying between the tracks about 500 feet below where the cars were stored. Several car cleaners stated that they saw and heard several cars go past their shelter house and that the cars were going too fast. Strong wind gusts of

70 to 80 miles per hour, as reported by surrounding weather stations, were blowing directly down the tracks. This was the only evidence discovered that may have caused or contributed to the cause of the accident. The car brakes were tested and found in good condition.

III LABOR & EMPLOYMENT—TABLE 23—WORKING TIME

	Average days worked			
	1963	1964	Increase (+) Decrease (—)	Per cent of Increase (+) Decrease (—)
Shipping mines.....	187	185	—2	—1.1
Local mines.....	132	129	—3	—2.3
Total.....	164	164	.....	.....

III LABOR & EMPLOYMENT—TABLE 24—EMPLOYEES

	Number employed		Gain (+) Loss (—)	Per cent of Gain (+) Loss (—)
	1963	1964		
Shipping mines.....	8,002	8,225	+223	+2.8
Local mines.....	889	854	—35	—3.9
Total.....	8,891	9,079	+188	+2.1

IV *Mechanization*

IV MECHANIZATION—TABLE 25—MACHINE MINING FOR THE PERIOD
1928 TO 1964 INCLUSIVE, ALL MINES

Year	Entire output			Part of output			Total			Per cent of	
	Mines	Ma- chines	Tons	Mines	Ma- chines	Tons	Mines	Ma- chines	Tons	Mines	Tons
1928.....	84	1,245	25,134,248	55	813	19,506,953	139	2,058	44,641,201	67.5	82.2
1929.....	92	1,324	31,883,147	47	665	18,476,517	139	1,989	50,359,664	69.5	85.2
1930.....	90	1,100	26,629,055	37	506	13,082,958	127	1,606	32,712,013	68.6	62.9
1931.....	85	1,103	28,190,836	36	282	5,425,234	111	1,385	33,616,070	66.5	78.0
1932.....	81	989	19,599,599	21	155	2,986,486	102	1,144	22,586,085	53.0	71.9
1933.....	79	905	25,237,315	15	109	2,015,606	94	1,014	27,252,921	59.1	77.0
1934.....	87	929	27,231,330	14	113	2,411,683	101	1,042	29,733,013	58.7	76.9
1935.....	88	903	28,985,205	15	107	2,144,948	103	1,010	31,130,153	56.5	75.2
1936.....	93	981	32,700,420	15	81	3,127,236	108	1,062	35,827,656	61.4	78.8
1937.....	90	884	33,816,349	13	43	740,231	103	927	34,031,392	61.3	64.9
1938.....	92	835	26,628,552	7	23	310,720	99	958	26,939,302	61.7	63.6
1939.....	92	746	30,312,078	5	9	285,292	97	755	30,597,370	66.4	71.2
1940.....	124	901	34,680,322	1	2	42,870	125	903	34,723,192	90.0	74.0
1941.....	84	957	37,951,424	4	22	197,712	88	979	38,149,136	86.0	68.9
1942.....	116	818	46,428,214	4	5	71,643	120	823	46,499,857	85.0	70.7
1943.....	100	656	51,090,624	-----	-----	-----	100	658	51,090,624	21.0	72.2
1944.....	189	812	56,178,300	-----	-----	-----	189	812	56,178,300	49.7	72.5
1945.....	184	780	53,999,655	-----	-----	-----	184	780	53,999,655	48.4	73.5
1946.....	201	798	46,660,727	1	2	54,189	202	800	46,714,916	54.8	73.4
1947.....	184	700	48,791,054	-----	-----	-----	184	700	48,791,054	52.1	71.4
1948.....	174	697	46,373,080	12	25	282,844	186	722	46,655,924	54.3	70.5
1949.....	176	694	32,890,158	8	17	103,326	184	711	32,993,484	54.6	75.1
1950.....	170	656	37,692,319	5	15	74,453	175	671	37,766,772	50.0	65.9
1951.....	167	604	36,016,095	4	11	65,163	171	615	36,081,258	56.6	65.8
1952.....	151	508	28,788,980	-----	-----	-----	151	508	28,788,980	57.4	62.9
1953.....	127	388	29,129,556	1	1	1,950	128	389	29,131,506	55.2	63.4
1954.....	111	334	25,204,139	3	5	14,945	114	339	25,219,084	55.3	60.4
1955.....	91	256	26,935,614	-----	-----	-----	91	256	26,935,614	45.9	59.0
1956.....	82	220	28,095,001	1	3	5,000	83	223	28,100,001	43.8	58.8
1957.....	80	194	26,767,434	-----	-----	-----	80	194	26,767,434	41.0	57.3
1958.....	74	176	23,147,089	-----	-----	-----	74	176	23,147,089	41.3	52.9
1959.....	65	155	23,355,034	-----	-----	-----	65	155	23,355,034	40.9	51.5
1960.....	61	132	23,099,304	-----	-----	-----	61	132	23,099,304	43.0	50.4
1961.....	55	113	22,203,257	-----	-----	-----	55	113	22,203,257	43.0	49.2
1962.....	47	87	23,750,040	-----	-----	-----	47	87	23,750,040	40.5	49.2
1963.....	42	90	24,426,009	-----	-----	-----	42	90	24,426,009	36.2	47.3
1964.....	40	91	24,878,351	-----	-----	-----	40	91	24,878,351	37.0	45.4

IV MECHANIZATION—TABLE 26—NUMBER OF MINES OPERATED AND TOTAL TONS MINED; STRIP MINES AND OUTPUT; NUMBER OF MINES USING MACHINES, NUMBER USED AND TONNAGE UNDERCUT; NUMBER OF MINES USING MOTORS FOR UNDERGROUND HAULAGE, NUMBER OF MOTORS USED AND TONS HAULED; ALSO THE PERCENTAGE OF EACH CLASS—SHIPPING MINES BY YEARS—1907-1964

Year	Mines operated	Total tons mined	Mined in strip mines				Machine mining				Motor hauling			
			Number of—		Per cent of—		Number of—		Per cent of—		Number of—		Per cent of—	
			Mines	Tons mined	Mines	Tons mined	Mines using	Machines used	Tons undercut	Mines	Tons undercut	Mines using	Motors used	Tons hauled
1907	411	46,438,839	—	—	—	—	101	1,105	14,490,454	24.6	31.2	75	129	16,542,375
1908	407	47,809,730	—	—	—	—	105	1,106	15,210,443	25.7	31.8	88	185	19,024,665
1909	384	47,958,562	—	—	—	—	107	1,246	16,407,692	27.9	34.2	96	210	21,892,462
1910	390	47,225,021	—	—	—	—	114	1,289	18,176,254	29.2	38.5	106	229	23,204,480
1911	387	48,758,657	1	45,153	.3	.1	126	1,430	19,998,259	32.6	41.0	137	316	29,310,173
1912	380	56,096,695	5	53,762	1.3	.1	129	1,581	25,550,059	34.4	45.5	165	381	37,958,050
1913	371	60,515,416	4	117,790	1.1	.2	140	1,689	30,228,520	38.1	50.0	185	466	46,194,737
1914	340	59,279,182	4	181,520	1.2	.3	141	1,828	31,446,823	41.2	53.1	191	540	47,485,729
1915	280	56,172,566	2	195,486	.7	.3	131	1,686	34,057,426	47.1	60.8	172	604	47,239,554
1916	284	62,283,236	3	344,372	1.1	.6	139	1,817	39,312,376	49.9	63.5	176	648	53,140,005
1917	324	77,412,054	5	419,475	1.5	.6	151	1,920	47,232,880	47.3	61.3	200	774	67,196,786
1918	370	88,306,228	4	498,347	1.1	.6	174	2,054	50,927,291	47.5	57.0	240	960	77,662,619
1919	373	73,751,721	3	393,894	.8	.5	199	2,124	42,993,172	53.8	58.6	259	1,144	66,686,930
1920	373	72,409,610	3	367,009	.8	.5	208	2,330	45,130,629	56.2	62.6	276	1,228	66,441,191
1921	389	78,339,082	3	437,007	.8	.6	235	2,760	50,243,470	60.9	64.5	280	1,406	71,329,567
1922	352	61,406,093	5	533,923	1.4	.9	205	2,762	41,168,621	59.1	69.3	232	1,364	55,028,080
1923	374	73,410,837	6	895,608	1.6	1.2	241	3,049	51,057,568	65.5	70.4	255	1,547	70,863,815
1924	329	70,324,363	11	1,184,288	3.3	1.7	215	3,033	50,064,304	67.7	72.5	259	1,565	65,900,698
1925	255	10,001,299	18	4,722,597	7.1	4.7	165	2,540	74,826,359	69.6	78.5	195	1,360	92,185,121
1926	244	67,836,441	16	3,482,611	6.6	5.1	149	2,259	50,736,684	65.4	78.8	182	1,288	61,486,775
1927	241	44,926,433	15	2,756,410	6.2	6.1	151	2,397	32,681,281	66.8	77.5	180	1,250	40,144,446
1928	206	54,284,184	14	4,113,008	6.8	7.6	139	2,158	41,099,267	72.4	82.7	158	1,182	49,007,549
1929	200	59,075,995	17	5,250,501	8.5	8.9	139	1,980	45,907,547	76.0	85.3	156	1,281	52,426,815
1930	185	51,966,065	15	6,220,336	8.1	12.0	129	1,606	40,015,407	75.5	97.2	133	1,201	41,181,378
1931	167	43,073,058	16	6,548,798	9.6	15.2	111	1,385	32,587,944	73.5	89.2	123	1,205	35,459,159
1932	162	31,402,399	17	6,528,228	10.5	21.1	102	1,144	22,165,199	70.3	83.5	124	1,117	24,357,088
1933	153	35,390,677	20	5,590,006	12.6	15.8	94	1,014	26,972,132	67.6	90.5	117	1,044	29,459,870
1934	172	38,655,527	26	6,908,218	15.1	15.5	101	1,042	29,395,102	58.7	90.0	124	1,156	32,378,082
1935	182	41,410,418	28	7,481,349	15.4	18.1	103	1,011	30,857,109	60.9	90.0	122	1,137	33,056,001
1936	176	47,285,587	30	8,873,229	17.0	18.8	108	1,062	35,827,656	74.0	93.3	123	1,240	37,950,347
1937	168	48,062,076	30	11,176,074	17.8	23.3	103	927	34,031,392	61.3	92.3	116	1,288	36,341,172
1938	149	38,442,859	25	10,058,999	16.8	26.2	99	958	26,939,302	66.4	94.9	106	1,251	27,988,198
1939	146	42,994,107	26	11,295,547	17.8	26.3	92	740	30,312,078	63.0	95.6	106	1,230	31,318,349
1940	139	46,071,806	27	12,024,635	19.5	26.2	124	903	34,734,192	90.0	74.0	124	1,112	36,972,431
1941	143	51,033,319	30	13,367,089	20.4	26.1	83	623	35,944,467	56.4	70.5	95	954	38,012,446
1942	141	61,124,628	25	15,937,681	19.8	24.3	91	632	42,571,922	64.5	69.8	107	1,240	43,060,766
1943	140	68,971,621	26	15,484,712	18.0	22.0	100	658	51,090,624	70.0	76.3	105	1,335	51,918,418
1944	157	73,958,923	31	17,108,528	20.2	22.3	102	684	54,412,942	64.5	73.3	106	1,312	55,060,045
1945	159	70,322,301	37	16,203,763	23.2	22.0	102	638	52,234,080	64.1	74.5	102	1,262	53,278,465
1946	160	60,932,785	36	14,802,739	22.5	23.4	106	798	46,660,727	66.3	76.5	109	1,337	46,215,166
1947	160	64,612,627	38	17,821,339	22.0	27.4	103	637	46,770,716	64.4	72.4	98	1,271	42,983,109
1948	160	62,494,412	45	16,758,306	28.1	26.8	100	577	44,784,161	62.5	71.6	99	1,118	42,270,669
1949	157	44,772,617	45	12,835,980	28.7	28.6	103	570	31,579,018	65.6	70.5	94	1,107	31,419,416
1950	149	54,356,918	39	16,469,126	26.2	30.3	98	543	36,337,125	65.8	66.9	99	1,153	38,468,443
1951	136	52,595,098	37	17,289,932	24.3	32.9	94	496	35,078,767	69.1	66.7	95	1,073	32,885,513
1952	111	43,274,400	27	15,340,989	24.3	35.5	77	391	27,824,311	69.4	64.2	77	883	26,271,031
1953	97	44,347,321	29	15,395,734	29.9	35.3	63	299	28,312,383	64.9	64.6	59	651	23,803,962
1954	87	40,017,802	28	15,888,078	32.2	38.5	54	240	24,606,444	62.1	61.5	49	609	19,362,624
1955	85	43,880,729	35	17,535,630	41.2	41.4	47	178	26,320,724	55.3	60.0	46	434	22,134,816
1956	88	45,598,992	42	18,041,603	47.7	39.6	44	160	27,474,383	50.0	60.3	41	406	22,083,913
1957	92	44,532,214	50	18,430,200	54.3	41.4	40	140	26,069,830	43.4	58.5	37	381	20,372,578
1958	85	41,856,967	49	19,318,772	57.6	46.2	34	123	22,524,173	40.0	53.8	26	252	17,296,825
1959	83	43,515,737	46	20,532,528	55.4	47.2	34	113	22,974,451	41.0	52.8	31	269	18,470,376
1960	78	43,703,382	40	20,946,982	51.3	47.9	36	100	22,744,109	46.2	52.0	30	249	14,105,876
1961	62	42,825,911	36	20,999,859	53.7	49.0	26	83	21,823,768	38.8	51.0	21	145	9,401,846
1962	64	45,262,974	37	22,482,457	57.8	49.2	22	61	22,780,517	34.4	50.3	20	110	10,782,732
1963	67	48,375,564	42	25,194,264	62.6	52.1	22	62	23,181,300	32.8	52.1	19	87	12,005,935
1964	68	51,888,467	40	27,863,966	58.8	53.7	23	68	24,024,501	33.8	46.3	19	97	11,393,993

IV—MECHANIZATION—TABLE 27—METHOD OF LOADING IN SHIPPING MINES—1964

Name of operator	Mobile loading machines			
	Total tons produced	Number in use	Machine shifts used	Tons loaded
B & W Coal Company.....	51,720	1	247	51,720
Bell & Zoller Coal Co. #3.....	928,352	4	1,696	928,352
Bell & Zoller Coal Co. #4.....	1,097,177	5*	2,320	1,097,177
Blue Bird Coal Co., "Turner".....	159,424	1	231	159,424
Blue Blaze Coal Co. #2 & Basin Cream.....	15,379	1	60	15,379
Elk Coal Co. #1.....	11,734	2	142	11,734
Freeman Coal Mining Corp. "Crown".....	2,050,994	8	3,502	2,050,994
Freeman Coal Mining Corp. #3.....	2,517,491	11*	4,814	2,517,491
Freeman Coal Mining Corp. #4.....	1,080,813	4-1*	2,120	1,080,813
Freeman Coal Mining Corp. #5.....	1,367,733	3-5*	3,562	1,367,733
Hazel Dell Coal Corp. #1.....	50,189	2	396	50,189
Little Dog Coal Co.....	373,937	2	676	373,937
The Livingston-Mt. Olive Coal Co.....	3,211	1	21	3,211
Midland Electric Coal Corp. "Green Diamond".....	1,121,772	3	1,386	1,121,772
Moffat Coal Co.....	581,246	1	243	581,246
New Gallatin Coal Co. #2.....	21,375	1*	52	21,375
Old Ben Coal Corp. #9.....	1,665,086	11*	4,339	1,665,086
Old Ben Coal Corp. #21.....	2,875,793	10*	3,774	2,875,793
Parton Coal Co. #2.....	49,884	1	192	49,884
Peabody Coal Co. #10.....	5,451,697	22	5,148	5,451,697
Sahara Coal Co., Inc. #5.....	603,802	3	1,239	603,802
Sahara Coal Co., Inc. #16.....	680,032	4	1,736	680,032
Shawneetown Coal Corp. #1.....	568	1	10	568
Shuler Coal Co.....	70,504	2	508	70,504
Thunderbird Collieries Corp. "Carmac".....	196,965	4	580	196,965
Truax-Traer Coal Co. "Slope".....	126,298	3	1,161	126,298
V-Day Coal Co.....	39,440	1	147	39,440
Zeigler Coal & Coke Company.....	831,885	6	1,350	831,885
Total.....	24,024,501	124	41,652	24,024,501

* Continuous mining machines—44

IV MECHANIZATION — TABLE 28 — MECHANICAL LOADING IN SHIPPING
MINES FOR THIRTY-FOUR YEARS—1931-1964

Year	Entire output			Part of output			Total			Per cent of—	
	Mines	Ma- chines	Tons loaded	Mines	Ma- chines	Tons loaded	Mines	Ma- chines	Tons loaded	Mines	Tons loaded
1931.....	36	1,504	15,138,330	38	916	7,307,452	74	2,420	22,445,782	49.3	52.1
1932.....	41	1,702	10,899,555	27	578	4,513,101	68	2,280	15,412,656	42.0	49.1
1933.....	32	1,313	13,344,573	19	439	4,421,643	51	1,752	17,766,216	32.1	50.2
1934.....	32	1,364	15,107,934	16	257	3,492,240	48	1,621	18,600,174	27.9	48.1
1935.....	33	1,322	16,649,144	21	304	4,002,563	54	1,626	20,651,707	29.7	49.9
1936.....	37	1,210	18,540,558	27	363	6,664,612	64	1,573	25,205,170	36.4	53.3
1937.....	42	1,127	21,192,003	27	329	7,182,359	69	1,456	28,374,362	41.1	59.0
1938.....	45	935	19,360,718	20	222	4,089,756	65	1,157	23,450,474	43.6	61.0
1939.....	47	611	20,023,681	19	245	6,631,893	66	856	26,655,664	45.2	62.0
1940.....	50	631	26,413,496	14	130	4,437,590	64	761	30,851,086	46.0	71.0
1941.....	58	561	29,308,412	18	127	4,359,361	76	688	33,667,773	51.7	65.9
1942.....	66	631	37,350,137	12	112	4,554,664	78	743	41,904,801	55.3	68.5
1943.....	56	598	45,422,135	15	96	3,174,933	71	694	48,597,068	48.2	69.0
1944.....	60	577	45,529,829	14	102	5,790,101	74	679	50,719,930	45.2	65.5
1945.....	59	562	43,152,237	15	102	6,116,885	74	664	49,269,122	46.7	70.6
1946.....	64	566	38,527,365	11	86	4,089,527	75	652	42,616,892	46.8	70.0
1947.....	65	554	42,946,063	9	48	1,377,780	78	632	44,323,843	47.4	67.0
1948.....	70	559	42,469,316	3	28	729,222	73	587	43,198,538	45.6	68.0
1949.....	63	542	29,263,382	3	15	1,217,785	66	557	30,481,167	42.0	68.2
1950.....	70	531	37,855,197	3	6	32,595	73	537	37,887,792	49.0	69.7
1951.....	68	489	33,531,058	3	6	611,126	71	495	34,142,184	52.2	64.9
1952.....	69	365	26,549,584	8	13	611,541	67	378	27,161,125	60.4	62.7
1953.....	50	305	27,451,029	4	12	560,052	54	317	28,011,081	55.6	63.8
1954.....	48	263	24,416,023	1	1	7,216	49	264	24,423,248	56.3	61.0
1955.....	42	219	26,158,407	1	1	11,494	43	220	26,345,099	50.5	60.0
1956.....	39	193	27,347,356	-----	-----	-----	39	193	27,347,356	44.3	60.1
1957.....	42	188	25,981,685	-----	-----	-----	42	188	25,981,685	45.6	58.3
1958.....	36	171	22,454,676	-----	-----	-----	36	171	22,454,676	42.4	53.7
1959.....	37	162	22,912,080	-----	-----	-----	37	162	22,912,080	44.6	52.7
1960.....	38	154	22,731,002	-----	-----	-----	38	154	22,731,002	48.7	52.0
1961.....	29	148	21,813,301	-----	-----	-----	29	148	21,813,301	43.3	50.9
1962.....	27	102	22,780,517	-----	-----	-----	27	102	22,780,517	42.2	48.2
1963.....	25	112	23,181,300	-----	-----	-----	25	112	23,181,300	37.3	47.9
1964.....	28	124	24,024,501	-----	-----	-----	28	124	24,024,501	41.2	46.3

IV MECHANIZATION — TABLE 29 — METHOD OF LOADING IN SHIPPING
MINES FOR THIRTY-FOUR YEARS—1931-1964

Year	Loading machines			By hand		Strip mines		Per cent of output loaded		
	Mines	Ma- chines	Tons loaded	Mines	Tons loaded	Mines	Tons loaded	By ma- chines	By hand	Strip mines
1931.....	74	2,420	22,445,782	114	14,078,400	16	6,548,798	52.1	32.7	15.2
1932.....	68	2,280	15,412,656	104	9,361,515	17	6,628,228	49.1	29.8	21.1
1933.....	51	1,752	17,766,216	88	12,025,455	20	5,599,006	50.2	34.0	15.8
1934.....	48	1,621	18,600,174	98	14,047,135	26	6,008,218	48.1	36.3	15.6
1935.....	54	1,626	20,651,707	100	12,277,358	28	7,481,349	49.9	32.1	18.0
1936.....	64	1,573	25,205,170	82	13,207,189	30	8,873,229	53.3	28.0	18.7
1937.....	69	1,456	28,374,362	69	8,511,640	30	11,176,074	59.0	17.7	23.3
1938.....	65	1,157	23,450,474	59	4,933,386	25	10,058,999	61.0	12.8	26.2
1939.....	66	856	26,655,664	54	5,042,896	27	11,295,547	62.0	11.7	26.3
1940.....	64	761	30,851,086	59	3,156,987	27	12,024,635	66.0	6.8	27.2
1941.....	76	688	33,667,773	59	3,998,459	30	13,367,089	65.9	7.8	26.1
1942.....	78	743	41,904,801	32	3,308,666	28	15,937,681	68.5	5.0	24.2
1943.....	71	694	48,597,068	47	4,889,841	26	15,484,712	71.4	7.0	21.6
1944.....	74	679	50,719,930	52	6,130,465	31	17,108,528	68.5	8.3	23.1
1945.....	74	664	49,269,122	62	4,849,416	37	16,203,763	70.6	6.8	22.0
1946.....	75	652	42,616,892	47	3,831,940	36	14,302,739	70.2	6.3	23.5
1947.....	76	600	44,323,843	49	3,191,727	38	14,821,339	67.8	4.8	27.4
1948.....	73	587	43,198,538	44	2,350,818	45	16,758,306	69.0	4.0	27.0
1949.....	66	557	30,481,167	46	1,455,470	45	12,835,980	68.0	3.0	29.0
1950.....	73	537	37,887,792	40	1,575,188	39	16,469,126	69.7	2.9	30.3
1951.....	71	495	34,142,184	32	1,162,982	33	17,289,932	64.9	2.2	32.9
1952.....	67	378	27,161,125	17	772,286	27	15,340,989	62.7	1.8	35.5
1953.....	54	317	28,011,081	14	340,506	29	15,495,734	63.9	0.8	35.3
1954.....	49	264	24,423,248	11	206,476	28	15,388,078	61.0	0.5	38.5
1955.....	43	220	26,345,099	8	186,692	35	17,535,630	60.0	0.4	40.0
1956.....	39	193	27,347,356	7	150,039	42	18,041,603	60.1	0.3	39.6
1957.....	42	188	25,981,685	4	111,329	50	18,439,200	58.3	0.3	41.4
1958.....	36	171	22,454,676	4	83,519	49	19,318,772	53.7	0.2	46.1
1959.....	37	162	22,912,080	3	71,129	46	20,532,528	52.7	0.2	47.2
1960.....	38	154	22,731,002	2	25,398	40	20,946,982	52.0	0.1	47.9
1961.....	29	148	21,813,301	2	12,751	36	20,999,859	50.9	0.1	49.0
1962.....	27	102	22,780,517	-----	-----	37	22,482,457	50.3	-----	49.7
1963.....	25	112	23,181,300	-----	-----	42	25,194,264	47.9	-----	52.1
1964.....	28	124	24,024,501	-----	-----	40	27,863,966	46.3	-----	53.

REPORT OF DIVISION INSPECTION—1964

The report of services rendered by the State Inspectors of Coal Mines is summarized as follows:

Days inspection coal mines.....	3,037
Other classified service	1,048
Miscellaneous service	549
	<hr/>
Total Days	4,634
Average days for inspector.....	272.59
Average days inspection of mines.....	178.65
Average days other classified service.....	61.65
Average days miscellaneous service.....	32.29
Number of inspections made.....	1,213
Average inspections for each inspector.....	71.35

SUMMARY OF SPECIFIC WORK REPORT FOR STATE MINE INSPECTORS—1964

District	Inspecting mines				Other classified duties—days worked								
	Shipping		Local		Total		Investigating accidents	Investigating complaints	Office work	Traveling	Explosive magazines	Miscellaneous service, days worked	Total days
	Number inspections	Days worked	Number inspections	Days worked	Number inspections	Days worked							
Riedinger.....	45	87	103	111	148	198	7	1	44	13	8	24	295
Roman.....	24	39	48	60	72	99	1	—	120	17	14	26	277
Jayne.....	71	145	38	41	109	186	7	—	67	7	6	25	298
Blakeney.....	54	126	39	68	93	194	1	—	17	3	6	28	249
J. Guiney.....	33	223	—	—	33	223	—	—	46	—	—	27	296
Morris.....	33	169	8	11	41	180	9	—	44	6	9	47	295
McCluskey.....	34	124	18	62	52	186	—	4	24	10	8	12	214
Morrow.....	22	82	30	91	52	173	4	—	27	6	2	26	238
Grammer*.....	20	32	9	8	29	40	—	—	8	8	1	12	69
G. Guiney.....	41	82	13	14	54	96	3	—	79	13	3	45	239
Kotzman.....	43	171	30	30	73	201	5	2	42	9	6	31	296
Plumlee.....	25	153	22	29	47	192	7	—	24	8	—	58	289
Romine.....	33	169	13	23	46	192	3	—	10	2	—	15	222
Moore.....	20	122	21	34	41	156	3	—	71	16	5	39	290
Johnston.....	27	151	12	32	39	183	3	—	88	5	—	15	294
Poole.....	47	74	126	125	173	199	1	—	30	24	3	38	295
Richmond.....	19	166	13	13	33	179	3	—	2	4	4	57	249
Coulson.....	57	126	21	34	78	160	2	—	2	6	5	24	199
Total.....	648	2,241	565	796	1,213	3,037	59	7	745	157	80	549	4,634

* Deceased

ANALYTICAL LABORATORY

The Analytical Laboratory of the Department of Mines and Minerals consists of two major divisions: Safety and Coal Analysis.

Safety Division

The purpose of this division is to analyze air samples for explosive and noxious gases, and to determine oxygen content; also to analyze mine dust samples for the percentages of combustible and incombustible materials. Samples are collected from Coal, Spar, Metal mines and Quarries in the State of Illinois, thus ascertaining whether or not the mine dust and gas conditions comply with the mining laws.

During times of mine fires, the personnel of the Analytical Laboratory work directly at the site of the fire analyzing the explosive characteristics of samples taken from the sealed areas. The analysis of the samples determine the course of action to be taken. After the fire has been extinguished, samples are again taken to determine when it is safe to re-enter the sealed areas.

During the current year, 2652 gas and 2729 dust samples have been analyzed and reported.

Coal Analysis

Coal analysis is a new program designed to insure the quality of coal purchased for State Institutions by the State of Illinois. The program was planned by the State Purchasing Department and the Director of the Department of Mines and Minerals.

At the heart of the plan are Mobile Sampling Units making frequent unscheduled visits to the 22 Mental, Charitable and Penal State Institutions using coal. Samples are also collected for the Secretary of State's coal purchases and a number of the State Universities.

During the current heating season, Illinois has contracted to purchase 340,140 tons of coal, which has a total contract value of \$2,304,744.

Within an average month, some 200 samples of coal are picked up by the Coal Quality Inspectors, pulverized on the Mobile Sample Units and delivered to the Analytical Laboratory, where they are analyzed.

If delivered coal does not meet contract specifications, the State may levy penalties as provided in the contract.

As a result of this program, an outright savings of \$312,202 was made on the State Purchases of coal. In addition, an estimated 9% efficiency was realized in heating of the various State

Institutions. This savings was realized with a minimum of additional equipment and personnel.

Sampling larger tonnages of coal and analyzing composite samples is now a part of the program.

History

The Analytical Laboratory was established in West Frankfort, Illinois in the month of May, 1954. The location of the Laboratory at West Frankfort was a geographical move which gives quicker laboratory service to State mine Inspectors and mine operators, since the West Frankfort area is the center of the largest shaft coal-producing fields in the State.

For the past 15 years, the Laboratory and personnel has been under the supervision of George W. Sneddon. Mr. Sneddon is a Chemist and is in charge of both Safety and Coal Analysis. Supervisor Sneddon has 8 assistants with considerable experience. They are: John N. Mitchell, Earl Brookshire, Arno Stiritz, Alan Ashbrook, Zudora Hadfield, Bernice Smothers, Ramona Garrett and Barbara Furlow.

ANALYTICAL LABORATORY PERSONNEL

<i>Name</i>	<i>Address</i>	<i>Title</i>
George W. Sneddon	301 North Douglas West Frankfort, Ill.	Mining Laboratory Supervisor
Alan E. Ashbrook	109 N. Sunnyslope West Frankfort, Ill.	Chemist II
John N. Mitchell	R. R. #1 West Frankfort, Ill.	Lab Tech II
Bernice Smothers	703 E. Oak St., Apt. 3 West Frankfort, Ill.	Lab Tech II
Zudora Hadfield	603 Future Drive Marion, Ill.	Lab Tech II
Earl L. Brookshire	222 Dobson Carterville, Ill.	Lab Tech II
Arno H. Stiritz	410 W. 10th Johnston City, Ill.	Lab Helper
Barbara J. Furlow	R. R. #1 Mulkeytown, Ill.	Lab Tech II
Ramona A. Garrett	1106 West Oak St. West Frankfort, Ill.	Clerk Steno II

REPORT OF MINERS' EXAMINING BOARD

DATE AND PLACE OF MEETING, NUMBER OF CERTIFICATES ISSUED AND
AMOUNT OF FEES COLLECTED

Date	Place of meeting	Number of certificates issued	Fees collected for duplicate copies of certificates*
January.....6	Springfield.....		
7	Lincoln.....		
8	Taylorville.....		
9	Pana.....		
10	Litchfield.....	1	
11	Sparta.....	1	
13	DuQuoin.....	4	
14	Benton.....		
15	Eldorado.....	1	
16	West Frankfort.....	1	
17	Johnston City.....		
18	Sesser.....	1	
February.....3	Springfield.....		
4	Petersburg.....		
5	Taylorville.....	6	
6	Pana.....	1	
7	Litchfield.....	1	
8	Collinsville.....		
10	DuQuoin.....	1	
11	Benton.....	1	
12	Eldorado.....		
13	Herrin.....		
14	Marion.....		
15	Murphysboro.....	2	
March.....2	Springfield.....		
3	Lincoln.....		
4	Taylorville.....	5	
5	Pana.....		
6	Litchfield.....	1	
7	Centralia.....	1	
9	DuQuoin.....	3	
10	Benton.....	1	
11	Marion.....		
12	Eldorado.....		
13	Carrier Mills.....		
14	New Shawneetown.....	1	
April.....6	Springfield.....	29	2.00
7	Petersburg.....		
8	Taylorville.....		
9	Pana.....		
10	Litchfield.....	1	
11	Sparta.....		
13	DuQuoin.....	1	
14	Benton.....	4	
15	Eldorado.....	1	
16	Harrisburg.....		
17	Johnston City.....		
18	Christopher.....		
May.....4	Springfield.....		
5	Canton.....		
6	Taylorville.....		
7	Pana.....	2	
8	Litchfield.....	3	
9	Collinsville.....		
11	DuQuoin.....		
12	Benton.....		
13	Eldorado.....		
14	West Frankfort.....	1	
15	Herrin.....	1	
16	Sesser.....	8	
June.....1	Springfield.....	13	
2	Peoria.....		
3	Lincoln.....		
4	Taylorville.....	6	
5	Litchfield.....		
6	Centralia.....		
8	DuQuoin.....	1	
9	Benton.....	2	
10	Eldorado.....	3	
11	Carrier Mills.....		
12	Marion.....	2	
13	Murphysboro.....		

REPORT OF MINERS' EXAMINING BOARD
DATE AND PLACE OF MEETING, NUMBER OF CERTIFICATES ISSUED AND AMOUNT
OF FEES COLLECTED—Concluded

Date	Place of meeting	Number of certificates issued	Fees collected for duplicate copies of certificates*
July.....6	Springfield.....	1	
7	Danville.....	6	
8	Taylorville.....	1	
9	Pana.....		
10	Litchfield.....		
11	Sparta.....		
13	DuQuoin.....	2	
14	Benton.....		
15	Eldorado.....		
16	Johnston City.....		
17	Herrin.....		
18	Christopher.....		
August.....3	Springfield.....		
4	Petersburg.....		
5	Taylorville.....		
6	Pana.....		
7	Litchfield.....		
8	Collinsville.....	2	
10	DuQuoin.....	1	
11	Benton.....	2	
12	Eldorado.....		
13	Johnston City.....	1	
14	Marion.....	1	
15	New Shawneetown.....		
22	Benton.....	45	2.00
September....14	Springfield.....	1	
15	Lincoln.....	5	
16	Taylorville.....		
17	Pana.....		
18	Litchfield.....		
19	Centralia.....	1	
21	DuQuoin.....	6	2.00
22	Benton.....	4	
23	Eldorado.....	2	
24	Harrisburg.....		
25	West Frankfort.....	7	
26	Sesser.....	9	
October.....5	Springfield.....	4	
6	Peoria.....		
7	Petersburg.....		
8	Taylorville.....	10	
9	Litchfield.....	1	
10	Sparta.....	2	
12	DuQuoin.....	1	
13	Benton.....	3	
14	Eldorado.....	1	
15	Carrier Mills.....	1	
16	Herrin.....	2	
17	Murphysboro.....		
November....9	Springfield.....	7	
10	Canton.....		
12	Taylorville.....	8	
13	Litchfield.....	1	
14	Collinsville.....	1	
16	DuQuoin.....	5	
17	Benton.....	6	
18	Eldorado.....	2	
19	Johnston City.....	4	
20	Marion.....	5	2.00
21	New Shawneetown.....		
23	Christopher.....	3	
December....7	Springfield.....	1	
8	Lincoln.....		
9	Taylorville.....	3	
10	Pana.....	1	
11	Litchfield.....	3	
12	Centralia.....		
14	DuQuoin.....	3	
15	Benton.....	3	
16	Eldorado.....	4	
17	Harrisburg.....	1	
18	West Frankfort.....	5	
19	Zeigler.....	10	4.00

* The Coal Mining Act (Sec. 8.07), effective July 1, 1953.

Each applicant for the certificate provided for in this article shall receive his certificate upon satisfactorily passing the examination, without the payment of fees, except that a fee of \$2.00 shall be paid to the Department for additional copies of certificates.

CERTIFICATES ISSUED BY MINERS EXAMINING BOARD—FIRST CLASS—1964

Name of applicant	Post office address	Age	Date of birth	Birthplace	Years experience	Place of examination	Date of examination	Certificate number
Ernest Zamboni.....	Wilsonville.....	42	Sep. 20, 1921	Wilsonville, Illinois.....	3	Litchfield	Jan. 10, 1964	6102
Roger E. Hood.....	Coulterville.....	43	Jan. 18, 1920	Coulterville, Illinois.....	16	Sparta	Jan. 11, 1964	6103
Eugene Walden.....	Royalton.....	47	May 15, 1916	Royalton, Illinois.....	15	DuQuoin.....	Jan. 13, 1964	6104
Bon Eugene Crawford.....	Carterville.....	35	Apr. 21, 1928	Goreville, Illinois.....	13	DuQuoin.....	Jan. 13, 1964	6105
Frank Smith.....	Orient.....	47	Apr. 13, 1916	Tuber, Texas.....	2	DuQuoin.....	Jan. 13, 1964	6106
Frank James Carso.....	Royalton.....	45	Jan. 14, 1918	Christopher, Illinois.....	2	DuQuoin.....	Jan. 13, 1964	6107
Wilbur E. Lane.....	Harrisburg.....	33	July 7, 1930	Broadland, Illinois.....	2	Eldorado.....	Jan. 13, 1964	6108
Kenneth M. Burgess.....	Benton.....	31	Sep. 19, 1932	Thompsonville, Illinois.....	2	West Frankfort.....	Jan. 16, 1964	6109
Charles Bottino.....	Marissa.....	42	Sep. 28, 1921	Higbee, Missouri.....	1	Sesser.....	Jan. 16, 1964	6110
William J. Buschon.....	Taylorville.....	27	Aug. 3, 1936	Kincaid, Illinois.....	1	Taylorville.....	Feb. 5, 1964	6111
William Bueshon.....	Kincaid.....	44	Sep. 11, 1916	Kincaid, Illinois.....	4	Taylorville.....	Feb. 5, 1964	6112
Albert Puccetti.....	Burbitt.....	30	Jan. 23, 1934	ovey, Illinois.....	14	Taylorville.....	Feb. 5, 1964	6113
Edward A. Gudausky.....	Taylorville.....	53	Dec. 3, 1910	Springfield, Illinois.....	14	Taylorville.....	Feb. 5, 1964	6114
John K. Lamb.....	DuQuoin.....	29	June 21, 1930	Puckneyville, Illinois.....	10	Taylorville.....	Feb. 5, 1964	6115
Allen G. Keene.....	Terre Haute, Indiana.....	53	Nov. 8, 1910	Indianapolis, Indiana.....	14	Taylorville.....	Feb. 5, 1964	6116
Jesse J. Pettit.....	Litchfield.....	36	Nov. 28, 1927	Hillsboro, Illinois.....	14	Litchfield	Feb. 7, 1964	6117
Harry E. Whitten, Jr.....	Zeigler.....	46	May 7, 1918	Zeigler, Illinois.....	14	DuQuoin.....	Feb. 10, 1964	6118
John David Mitchell.....	Sesser.....	49	Aug. 28, 1914	Sesser, Illinois.....	15	DuQuoin.....	Feb. 11, 1964	6119
Mike Ferrell.....	Royalton.....	21	Aug. 21, 1942	Charlestown, Illinois.....	2	Murphysboro.....	Feb. 15, 1964	6120
William A. Young.....	Benton.....	21	Jan. 20, 1943	Benton, Illinois.....	2	Murphysboro.....	Feb. 15, 1964	6121
Max E. Summers, Jr.....	Taylorville.....	24	Jan. 30, 1939	Kincaid, Illinois.....	6	Taylorville.....	Mar. 4, 1964	6122
Karen C. Heiple.....	Carterville.....	38	June 3, 1925	Taylorville, Illinois.....	6	Taylorville.....	Mar. 4, 1964	6123
Robert E. Wise.....	Charlestown.....	39	May 3, 1925	Benton, Illinois.....	10	Taylorville.....	Mar. 4, 1964	6124
Earl S. Dixon.....	Morrisville.....	22	Jan. 27, 1941	Assumption, Illinois.....	1	Taylorville.....	Mar. 4, 1964	6125
Charles W. Beemen.....	Taylorville.....	48	Nov. 7, 1915	Gray's, Kentucky.....	30	Litchfield	Mar. 4, 1964	6126
Jim E. Kump.....	Nokomis.....	38	June 23, 1925	St. Louis, Missouri.....	15	Litchfield	Mar. 6, 1964	6127
Merlin W. Berger.....	Pana.....	28	June 2, 1929	Tower Hill, Illinois.....	6	Litchfield	Mar. 6, 1964	6128
Keith H. Spracklen.....	West Frankfort.....	34	Sept. 20, 1929	West Frankfort, Illinois.....	1	Centralia.....	Mar. 7, 1964	6129
Fred Bechelli.....	Tamara.....	28	Apr. 22, 1935	Tamara, Illinois.....	6	DuQuoin.....	Mar. 9, 1964	6130
Owen W. Griffith.....	Percy.....	42	Feb. 17, 1922	Steeleville, Illinois.....	16	DuQuoin.....	Mar. 9, 1964	6131
Oral Lee Throop.....	Zeigler.....	35	Feb. 7, 1929	Tamaro, Illinois.....	2	DuQuoin.....	Mar. 10, 1964	6132
Nallapur Narayan Reddy.....	West Frankfort.....	24	June 22, 1939	Nazran, India.....	15	Benton.....	Mar. 10, 1964	6133
Joe Taylor.....	Zeigler.....	41	July 24, 1922	Herrin, Illinois.....	15	New Shawneetown.....	Mar. 14, 1964	6134
Lyle E. Parks.....	Taylorville.....	29	July 28, 1934	Taylorville, Illinois.....	17	Springfield.....	Apr. 6, 1964	*6135
Paul R. Padcock.....	Clinton, Indiana.....	44	July 21, 1919	Marshall, Indiana.....	6	Springfield.....	Apr. 6, 1964	6136
William D. Knott.....	Rosedale, Indiana.....	37	Sept. 4, 1926	Fontanet, Indiana.....	14	Springfield.....	Apr. 6, 1964	6137
Jesse L. Sheppard.....	Terre Haute, Indiana.....	36	Nov. 22, 1927	Terre Haute, Indiana.....	16	Springfield.....	Apr. 6, 1964	6138
John Silcock.....	Terre Haute, Indiana.....	57	May 14, 1906	Charley, England.....	40	Springfield.....	Apr. 6, 1964	6139
William J. Trump.....	Farmersburg, Indiana.....	36	Feb. 6, 1928	Sullivan, Indiana.....	14	Springfield.....	Apr. 6, 1964	6140

CERTIFICATES OF COMPETENCY ISSUED BY MINERS' EXAMINING BOARD—FIRST CLASS—1964—Continued

Name of applicant	Post office address	Age	Date of birth	Birthplace	Years experience	Place of examination	Date of examination	Certificate number
John B. Wautelet.....	Bicknell, Indiana.....	35	Aug. 7, 1928	West Frankfort, Illinois.....	14	Springfield	Apr. 6, 1964	6141
Lawrence R. Hartman.....	Clinton, Indiana.....	41	Nov. 17, 1922	Rockyview, Indiana.....	13	Springfield	Apr. 6, 1964	6142
John A. Parker.....	West Terre Haute, Ind.	38	Sept. 25, 1925	Goshen, Indiana.....	17	Springfield	Apr. 6, 1964	6143
Austin E. Ebler.....	Shelburn, Indiana.....	40	Aug. 3, 1923	Wilford, Indiana.....	19	Springfield	Apr. 6, 1964	6144
Jesse R. Shannon.....	Clinton, Indiana.....	45	Aug. 15, 1919	Clinton, Indiana.....	13	Springfield	Apr. 6, 1964	6145
Phillip I. Gallagher.....	Shelburn, Indiana.....	33	Oct. 19, 1930	Cullinan, Indiana.....	19	Springfield	Apr. 6, 1964	6146
James W. Wardle.....	West Terre Haute, Ind.	43	June 19, 1920	Terre Haute, Ind.....	20	Springfield	Apr. 6, 1964	6147
Walter Lamsaris.....	Springfield.....	47	Oct. 9, 1916	Springfield, Illinois.....	14	Springfield	Apr. 6, 1964	6148
Francis Ave.....	Taylorville.....	36	Aug. 10, 1927	West Terre Haute, Ind.....	16	Springfield	Apr. 6, 1964	6149
Joseph B. Gedrick.....	Clinton, Indiana.....	47	July 29, 1916	Clinton, Indiana.....	10	Springfield	Apr. 6, 1964	6150
Ralph W. Pine.....	West Terre Haute, Ind.	30	Jan. 30, 1933	Terre Haute, Indiana.....	5	Springfield	Apr. 6, 1964	6151
Leo Sanquonetti.....	Clinton, Indiana.....	51	Jan. 30, 1913	Clinton, Indiana.....	10	Springfield	Apr. 6, 1964	6152
Thomas A. Leek.....	West Terre Haute, Ind.	48	Feb. 23, 1916	West Terre Haute, Ind.....	15	Springfield	Apr. 6, 1964	6153
Thomas E. Caveney.....	West Terre Haute, Ind.	50	June 25, 1913	Fontanet, Indiana.....	31	Springfield	Apr. 6, 1964	6154
Samuel W. Russell.....	Clinton, Indiana.....	51	Sept. 9, 1912	Clinton, Indiana.....	27	Springfield	Apr. 6, 1964	6155
Eugene V. Archer.....	Bicknell, Indiana.....	51	Mar. 3, 1913	Linton, Indiana.....	22	Springfield	Apr. 6, 1964	6156
Lawson Shull, Jr.....	Clinton, Ind.....	39	Aug. 17, 1924	Clinton, Indiana.....	12	Springfield	Apr. 6, 1964	6157
Robert E. Evans.....	West Terre Haute, Ind.	47	May 25, 1916	Needmore, Indiana.....	19	Springfield	Apr. 6, 1964	6158
Ralph D. Hale.....	Linton, Indiana.....	51	Sept. 2, 1912	Linton, Indiana.....	29	Springfield	Apr. 6, 1964	6159
Donovan E. Gaston.....	New Goshen, Indiana.....	45	May 14, 1918	Bicknell, Indiana.....	26	Springfield	Apr. 6, 1964	6160
Paul LeComte.....	Terre Haute, Indiana.....	47	Oct. 16, 1916	Shepardville, Indiana.....	23	Springfield	Apr. 6, 1964	6161
Jack K. Wilton.....	Sullivan, Indiana.....	36	May 9, 1927	Fairbanks, Indiana.....	16	Springfield	Apr. 6, 1964	6162
Charles L. Dreher.....	West Terre Haute, Ind.	48	Aug. 10, 1915	New Goshen, Indiana.....	25	Springfield	Apr. 6, 1964	6163
Earl K. Wrigley.....	Edwardsville.....	26	Aug. 17, 1937	Caseville, Illinois.....	6	Litchfield	Apr. 10, 1964	6164
Michael Matyi.....	Valley, Illinois.....	45	Apr. 16, 1918	Buckner, Illinois.....	14	DuQuoin	Apr. 13, 1964	6165
John Harper.....	West Frankfort.....	47	Oct. 15, 1916	West Frankfort, Illinois.....	11	Benton	Apr. 14, 1964	6166
James R. Lovan.....	West Frankfort.....	40	Sept. 28, 1923	Providence, Kentucky.....	24	Benton	Apr. 14, 1964	6167
Bobby R. Baker.....	Benton, Illinois.....	32	July 8, 1931	West Frankfort, Illinois.....	10	Benton	Apr. 14, 1964	6168
William Griggs.....	West Frankfort.....	45	May 28, 1923	West Frankfort, Illinois.....	16	Benton	Apr. 14, 1964	6169
Harlan Deers.....	Thompsonville.....	37	Nov. 1, 1926	Thompsonville, Illinois.....	5	Eldorado	Apr. 15, 1964	6170
Charles B. Strumpler.....	Taylorville.....	46	Oct. 12, 1917	Caseville, Illinois.....	11	Pana	May 7, 1964	6171
Charles M. Sparks.....	Nokomis.....	36	Feb. 6, 1928	Kincaid, Illinois.....	11	Litchfield	May 8, 1964	6172
John J. Parinche.....	Irving.....	47	May 9, 1906	Johnston City, Illinois.....	11	Litchfield	May 8, 1964	6173
Donald L. Lohle.....	Benton.....	26	Mar. 28, 1937	Benton, Illinois.....	1	Westfield	May 8, 1964	6174
Donald R. Franko.....	Benton.....	26	June 19, 1934	Benton, Illinois.....	1	Westfield	May 8, 1964	6175
Noel E. Marck.....	Marion.....	30	Apr. 15, 1917	Crestburg, Illinois.....	13	West Frankfort.....	May 15, 1964	6176
Don G. Whitcotton.....	Clinton, Indiana.....	47	Mar. 18, 1917	Culp, Illinois.....	9	Herrin	May 15, 1964	6177
Linton A. Fisher.....	Clinton, Indiana.....	54	Apr. 14, 1910	Clinton, Indiana.....	25	Sesser	May 16, 1964	6178
Robert Salmon.....	Shelburn, Indiana.....	53	Apr. 18, 1910	Knoxville, Indiana.....	30	Sesser	May 16, 1964	6179
August West.....	Clinton, Indiana.....	50	Aug. 1, 1913	Clinton, Indiana.....	30	Sesser	May 16, 1964	6180
Albert Cogan.....	Bicknell, Indiana.....	52	Sept. 8, 1911	Shelburn, Indiana.....	27	Sesser	May 16, 1964	6181

Woodrow Wilson.....	47	Jan. 6, 1917	Jasonville, Indiana.....	10	Sesser.....	May 16, 1964.....	6182
Riley J. Creelhus.....	39	Jan. 8, 1925	Bruceville, Indiana.....	19	Sesser.....	May 16, 1964.....	6183
Rex McClellan.....	49	Apr. 6, 1915	Sullivan, Indiana.....	20	Sesser.....	May 16, 1964.....	6184
Ralph Carpenter.....	47	Dec. 17, 1916	Terre Haute, Indiana.....	20	Sesser.....	May 16, 1964.....	6185
Clement C. Ehler, Sr.....	49	July 19, 1914	Wilford, Indiana.....	22	Springfield.....	June 1, 1964.....	6186
Paul D. Bradbury.....	54	Apr. 17, 1943	Terre Haute, Indiana.....	23	Springfield.....	June 1, 1964.....	6187
Joe Gugliemetti.....	54	Apr. 17, 1943	Clinton, Indiana.....	23	Springfield.....	June 1, 1964.....	6188
Frank Staudt.....	59	Dec. 11, 1903	Clinton, Indiana.....	27	Springfield.....	June 1, 1964.....	6189
Will L. Simpson.....	54	Dec. 21, 1909	Jasonville, Indiana.....	30	Springfield.....	June 1, 1964.....	6190
Will L. Butler.....	54	May 27, 1907	Carbon, Indiana.....	24	Springfield.....	June 1, 1964.....	6191
Elliot H. Leachman.....	55	Dec. 28, 1907	Carbon, Indiana.....	24	Springfield.....	June 1, 1964.....	6192
Arthur G. Jones.....	48	Mar. 26, 1916	Loosdell, Indiana.....	15	Springfield.....	June 1, 1964.....	6193
John M. Smith.....	55	Feb. 10, 1910	Claremont, Indiana.....	15	Springfield.....	June 1, 1964.....	6194
Earl R. Smith.....	55	May 10, 1909	Ashtaburo, Indiana.....	16	Springfield.....	June 1, 1964.....	6195
Terre Haute, Indiana.....	39	May 27, 1912	Carbon, Indiana.....	16	Springfield.....	June 1, 1964.....	6196
Terre Haute, Indiana.....	39	May 27, 1912	Alvin, Texas.....	17	Springfield.....	June 1, 1964.....	6197
Jefferson H. Clark.....	55	Nov. 22, 1908	Mohave, Pennsylvania.....	17	Springfield.....	June 1, 1964.....	6198
Tony Mieliazis.....	38	Mar. 27, 1926	Leisville, Illinois.....	7	Springfield.....	June 4, 1964.....	6199
Dominic P. Mattia.....	44	Nov. 15, 1919	Clinton, Indiana.....	13	Taylorville.....	June 4, 1964.....	6200
John Saquenetti.....	44	Oct. 31, 1919	Rosedale, Indiana.....	17	Taylorville.....	June 4, 1964.....	6201
Marion M. Huxford.....	37	Sept. 10, 1926	Puna, Illinois.....	9	Taylorville.....	June 4, 1964.....	6202
Harold C. Slayback.....	39	Feb. 8, 1925	Terre Haute, Indiana.....	15	Taylorville.....	June 4, 1964.....	6203
Nooda S. Howard.....	42	Feb. 12, 1929	Castle Gate, Indiana.....	17	Taylorville.....	June 4, 1964.....	6204
Fred E. Morlan.....	35	Apr. 22, 1921	Bicknell, Indiana.....	17	DuQuoin.....	June 8, 1964.....	6205
William J. Jones.....	43	Apr. 13, 1923	Bicknell, Indiana.....	20	Benton.....	June 9, 1964.....	6206
Melvin D. Courter.....	41	Apr. 26, 1943	Rosclaire, Illinois.....	15	Benton.....	June 9, 1964.....	6207
James Spivey.....	21	July 20, 1936	Broughton, Illinois.....	1	Eldorado.....	June 10, 1964.....	6208
William Gholson.....	27	Apr. 26, 1936	Broughton, Illinois.....	1	Eldorado.....	June 10, 1964.....	6209
Gerald Hosmon.....	27	Dec. 8, 1936	Marion, Illinois.....	15	Eldorado.....	June 10, 1964.....	6210
John Bertetti.....	47	Dec. 8, 1936	Marion, Illinois.....	15	Eldorado.....	June 10, 1964.....	6211
Brady Apple.....	54	Feb. 4, 1910	Colp, Illinois.....	5	Springfield.....	June 12, 1964.....	6212
Richard S. Arnold.....	27	Dec. 9, 1936	Rally Center, Michigan.....	20	Springfield.....	June 12, 1964.....	6213
Orto Abernathy.....	49	July 4, 1915	Spencer, Indiana.....	25	Danville.....	July 7, 1964.....	6214
Ernest E. Minetti.....	48	Apr. 20, 1916	Mecca, Indiana.....	25	Danville.....	July 7, 1964.....	6215
Arthur W. Carlson.....	44	Mar. 26, 1920	Clinton, Indiana.....	19	Danville.....	July 7, 1964.....	6216
Donald L. Bryan.....	40	Dec. 22, 1923	West Terre Haute, Indiana.....	22	Danville.....	July 7, 1964.....	6217
John R. Williams.....	51	June 25, 1929	Seelyville, Indiana.....	35	Danville.....	July 7, 1964.....	6218
Coy G. Smith.....	21	Sept. 3, 1912	Jasonville, Indiana.....	35	Danville.....	July 7, 1964.....	6219
Philip S. Whitlow.....	39	Jan. 16, 1943	Taylorville, Illinois.....	1	Taylorville.....	July 8, 1964.....	6220
George Wasylezak.....	39	May 2, 1925	Somerseset, Pennsylvania.....	17	Benton.....	July 14, 1964.....	6221
William E. McCarty.....	47	June 17, 1917	Bicknell, Indiana.....	22	Benton.....	July 14, 1964.....	6222
Bernard Tarrh.....	51	Dec. 31, 1912	Terre Haute, Indiana.....	22	Benton.....	July 14, 1964.....	6223
Robert J. Tarrh.....	35	Dec. 15, 1923	Shelburn, Indiana.....	12	Collinsville.....	Aug. 8, 1964.....	6224
Fred K. Schram.....	46	July 27, 1918	Shelburn, Wisconsin.....	14	Collinsville.....	Aug. 8, 1964.....	6225
Clyde L. Weaver.....	51	May 4, 1913	Brazil, Indiana.....	34	DuQuoin.....	Aug. 10, 1964.....	6226
Robert J. Miller.....	53	Jan. 10, 1911	Vincennes, Indiana.....	34	Benton.....	Aug. 11, 1964.....	6227
Bill Ray Hilliard.....	27	Oct. 12, 1938	Marion, Illinois.....	23	Johnston City.....	Aug. 13, 1964.....	6228
Nerry L. Harris.....	26	Jan. 11, 1938	Bloomfield, Illinois.....	7	Marion.....	Aug. 14, 1964.....	6229
Welson J. Smith.....	45	Feb. 7, 1919	Sesser, Illinois.....	5	Benton.....	Aug. 22, 1964.....	6230
John R. Zertler.....	42	Oct. 4, 1921	Tamaroa, Illinois.....	5	Benton.....	Aug. 22, 1964.....	6231

CERTIFICATES OF COMPETENCY ISSUED BY MINERS' EXAMINING BOARD—FIRST CLASS—1964—Continued

Name of applicant	Post office address	Age	Date of birth	Birthplace	Years experience	Place of examination	Date of examination	Certificate number
Dominic Niana.....	Buckner.....	55	Nov. 29, 1908	Carbon Hill, Illinois.....	24	Benton.....	Aug. 22, 1964.....	6232
Paul E. Julian.....	West Frankfort.....	42	Jan. 8, 1922	West Frankfort, Illinois.....	13	Benton.....	Aug. 22, 1964.....	6233
Wilbur Robbins.....	Nashville.....	61	Jan. 14, 1903	Summer, Illinois.....	14	Benton.....	Aug. 22, 1964.....	6234
Charlie Hasting.....	Mulkeytown.....	56	July 4, 1908	Doniphan, Missouri.....	20	Benton.....	Aug. 22, 1964.....	6235
Marion L. Naylor.....	Mulkeytown.....	54	June 20, 1910	Mulkeytown, Illinois.....	31	Benton.....	Aug. 22, 1964.....	6236
John Krel.....	Christopher.....	47	Sept. 4, 1916	Royalton, Illinois.....	22	Benton.....	Aug. 22, 1964.....	6237
Robert C. Smith.....	Benton.....	63	July 22, 1901	Benton, Illinois.....	23	Benton.....	Aug. 22, 1964.....	6238
Randall E. Cushman.....	Harrisburg.....	41	Sept. 20, 1922	Harrisburg, Illinois.....	23	Benton.....	Aug. 22, 1964.....	6239
Stanley P. Mueh.....	Benton.....	54	Jan. 10, 1910	Bazawa, Poland.....	25	Benton.....	Aug. 22, 1964.....	6240
Clifford R. Roberts.....	Sesser.....	52	Oct. 1, 1911	Benton, Illinois.....	23	Benton.....	Aug. 22, 1964.....	6241
Ernest L. Bryant.....	Benton.....	50	Apr. 11, 1914	Benton, Illinois.....	15	Benton.....	Aug. 22, 1964.....	6242
Ernest L. Haney.....	Benton.....	44	June 24, 1920	Huntington, Arkansas.....	1	Benton.....	Aug. 22, 1964.....	6243
Orville L. Taborn.....	Carrier Mills.....	31	Mar. 25, 1933	Ledford, Illinois.....	36	Benton.....	Aug. 22, 1964.....	6244
George C. Kleme.....	Benton.....	55	May 24, 1909	Glen Carbon, Illinois.....	2	Benton.....	Aug. 22, 1964.....	6245
Lee E. Corn.....	Thompsonville.....	44	Aug. 17, 1920	Macdonia, Illinois.....	24	Benton.....	Aug. 22, 1964.....	6246
Opal Smith.....	West Frankfort.....	29	May 5, 1935	Christopher, Illinois.....	18	Benton.....	Aug. 22, 1964.....	6247
Virgil W. Shockley.....	Benton.....	53	Oct. 29, 1926	Marton, Illinois.....	1	Benton.....	Aug. 22, 1964.....	6248
Arlie H. Boyt.....	Marion.....	53	May 4, 1933	Mulkeytown, Illinois.....	1	Benton.....	Aug. 22, 1964.....	6249
Bert E. Taylor.....	Christopher.....	52	Jan. 24, 1933	Nason, Illinois.....	22	Benton.....	Aug. 22, 1964.....	6250
Franklin D. Tepovich.....	Nason.....	52	Dec. 3, 1912	Nason, Illinois.....	22	Benton.....	Aug. 22, 1964.....	6251
Revia Allen.....	Goello.....	46	Sept. 9, 1918	Waltonville, Illinois.....	23	Benton.....	Aug. 22, 1964.....	6252
Lloyd Loman.....	Whittington.....	48	Mar. 26, 1916	Panama, Michigan.....	25	Benton.....	Aug. 22, 1964.....	6253
Albert Cerukovich.....	Johnston City.....	47	Feb. 14, 1917	Congro, Ohio.....	4	Benton.....	Aug. 22, 1964.....	6254
John May.....	Carville.....	56	Sept. 17, 1907	Thompsonville, Illinois.....	18	Benton.....	Aug. 22, 1964.....	6255
Ervin Jent.....	West Frankfort.....	51	Mar. 18, 1903	Mulkeytown, Illinois.....	6	Benton.....	Aug. 22, 1964.....	6256
Hiram McCluskey.....	West Frankfort.....	61	Mar. 17, 1913	Tamaros, Illinois.....	1	Benton.....	Aug. 22, 1964.....	6257
Arvid Kugel.....	Christopher.....	45	Dec. 14, 1918	Benton, Illinois.....	18	Benton.....	Aug. 22, 1964.....	6258
Marion Muehley.....	Benton.....	37	June 8, 1927	Galatia, Illinois.....	20	Benton.....	Aug. 22, 1964.....	6259
Stanley Mysycki.....	Galatia.....	45	June 8, 1927	Galatia, Illinois.....	7	Benton.....	Aug. 22, 1964.....	6260
Harold T. Riddle.....	West Frankfort.....	34	Feb. 1, 1930	Benton, Illinois.....	5	Benton.....	Aug. 22, 1964.....	6261
Norman Summers.....	Benton.....	34	Feb. 1, 1930	Benton, Illinois.....	14	Benton.....	Aug. 22, 1964.....	6262
William Muir.....	Sesser.....	47	Aug. 1, 1917	Sesser, Illinois.....	20	Benton.....	Aug. 22, 1964.....	6263
Clarence Prior.....	Sesser.....	48	Mar. 16, 1916	Tamaros, Illinois.....	20	Benton.....	Aug. 22, 1964.....	6264
Archie R. Hiller.....	Zeigler.....	36	Dec. 5, 1927	Royalton, Illinois.....	17	Benton.....	Aug. 22, 1964.....	6265
Gilbert Hammonds.....	Benton.....	51	May 3, 1913	Benton, Illinois.....	1	Benton.....	Aug. 22, 1964.....	6266
James Jones.....	Harrisburg.....	27	Mar. 6, 1937	Harrisburg, Illinois.....	5	Benton.....	Aug. 22, 1964.....	6267
William Banton.....	Sesser.....	30	Sept. 7, 1933	Sesser, Illinois.....	1	Benton.....	Aug. 22, 1964.....	6268
Eugene Williams.....	West Frankfort.....	23	Nov. 9, 1940	West Frankfort, Illinois.....	15	Benton.....	Aug. 22, 1964.....	6269
Albert Lee Dossett.....	West Frankfort.....	30	Apr. 11, 1934	Christopher, Illinois.....	2	Benton.....	Aug. 22, 1964.....	6270
James Blagg.....	Benton.....	51	Feb. 26, 1913	Carterville, Illinois.....	23	Benton.....	Aug. 22, 1964.....	6271

Ronnie Sisk...	27	Apr. 19, 1937 Equality, Illinois...	1	Benton...	Aug. 22, 1964	6273
Louis Westray...	25	Jan. 27, 1939 West Frankfort, Illinois...	1 $\frac{1}{2}$	Benton...	Aug. 22, 1964	6274
Carl D. Furlow...	47	Apr. 1, 1917 Zeigler, Illinois...	13	Springfield...	Sept. 14, 1964	6275
Robert C. Stephens...	31	Aug. 5, 1933 Taylorville, Illinois...	1	Taylorville...	Sept. 16, 1964	6276
Andrew J. Shofren...	46	Nov. 10, 1917 Kincaid, Illinois...	11	Taylorville...	Sept. 16, 1964	6277
Herman E. Hughes...	26	May 27, 1938 Edinburg, Illinois...	3	Taylorville...	Sept. 16, 1964	6278
Bruno L. Corso...	44	Apr. 6, 1920 Kincaid...	17	Taylorville...	Sept. 16, 1964	6279
James A. Zubal...	37	Feb. 14, 1927 Watsonburg, Colorado...	5	Centralia...	Sept. 19, 1964	6280
Waymon Williams...	35	Apr. 23, 1923 Nason, Illinois...	15	DuQuoin...	Sept. 21, 1964	6281
Dearl Samples...	35	Aug. 31, 1929 West Frankfort, Illinois...	9	DuQuoin...	Sept. 21, 1964	6282
Ralph M. Thomas...	41	Jan. 7, 1923 Waltonville, Illinois...	9	DuQuoin...	Sept. 21, 1964	6283
Cesare Vanetti...	47	May 6, 1917 Royaltown, Illinois...	17	DuQuoin...	Sept. 21, 1964	6284
Sylvester Sczblewski...	40	June 6, 1924 Tamaroa, Illinois...	17	DuQuoin...	Sept. 21, 1964	6285
Cecil Woodside...	34	Feb. 6, 1930 DuQuoin, Illinois...	22	DuQuoin...	Sept. 21, 1964	6286
Dean Hampleman...	50	Aug. 3, 1914 Tamaroa, Illinois...	22	DuQuoin...	Sept. 21, 1964	6287
Wallace Cook...	42	Feb. 3, 1922 Benton, Illinois...	30	Benton...	Sept. 22, 1964	6288
Allen H. Joy...	43	Oct. 30, 1920 Ina, Illinois...	3	Benton...	Sept. 22, 1964	6289
William M. Luster...	24	June 13, 1940 Benton, Illinois...	2	Benton...	Sept. 22, 1964	6290
John S. Miller...	55	Apr. 19, 1939 Rock Island, Illinois...	16	Benton...	Sept. 22, 1964	6291
James J. Livingston...	53	Oct. 10, 1909 Elmhurst, Indiana...	18	Eldorado...	Sept. 23, 1964	6292
Harry E. Smith...	44	Dec. 28, 1909 West Frankfort, Illinois...	15	Eldorado...	Sept. 23, 1964	6293
Ernest H. Fullong...	51	Nov. 23, 1919 Logan, Illinois...	25	West Frankfort...	Sept. 25, 1964	6294
Ureah H. Fulton...	50	Jan. 21, 1914 Herrin, Illinois...	22	West Frankfort...	Sept. 25, 1964	6295
Carl H. Thomas...	41	Mar. 4, 1923 Buckner, Illinois...	18	West Frankfort...	Sept. 25, 1964	6296
Joe Carmichael...	48	Mar. 4, 1916 Tamaroa, Illinois...	27	West Frankfort...	Sept. 25, 1964	6297
Lee Roy Cash...	49	Aug. 14, 1915 Tamaroa, Illinois...	18	West Frankfort...	Sept. 25, 1964	6298
Jack Melvin...	33	Oct. 25, 1931 West Frankfort, Illinois...	6	West Frankfort...	Sept. 25, 1964	6299
James Neil Estes...	25	Oct. 27, 1938 West Frankfort, Illinois...	21 $\frac{1}{2}$	West Frankfort...	Sept. 25, 1964	6300
Harry Leming...	63	Apr. 19, 1901 DuQuoin, Illinois...	47	Sesser...	Sept. 26, 1964	6301
Nick Brekovich...	46	May 8, 1918 Buckner, Illinois...	10	Sesser...	Sept. 26, 1964	6302
Guy Platt...	41	Feb. 4, 1923 Benton, Illinois...	3	Sesser...	Sept. 26, 1964	6303
Donald Taylor...	42	May 24, 1922 Sesser, Illinois...	10	Sesser...	Sept. 26, 1964	6304
William Thomas...	40	Jan. 2, 1924 Buckner, Illinois...	23	Sesser...	Sept. 26, 1964	6305
William Yadoski...	41	Nov. 26, 1922 Christopher, Illinois...	23	Sesser...	Sept. 26, 1964	6306
William E. Gilbreath...	47	July 12, 1923 Benton, Illinois...	14	Sesser...	Sept. 26, 1964	6307
Edward Lee Murray...	47	May 15, 1917 Sesser, Illinois...	20	Sesser...	Sept. 26, 1964	6308
James Hood...	28	Dec. 10, 1936 Pinckneyville, Illinois...	21	Sesser...	Sept. 26, 1964	6309
Pinckneyville...	43	Feb. 29, 1921 Ohlman, Illinois...	7	Sesser...	Sept. 26, 1964	6310
Nokomis...	39	Jan. 26, 1925 Marion, Illinois...	16	Springfield...	Oct. 5, 1964	6311
Marion...	51	Nov. 28, 1912 Pinedale, Pennsylvania...	16	Springfield...	Oct. 5, 1964	6312
Edwin C. Robson...	22	Aug. 21, 1942 Decatur, Illinois...	2	Springfield...	Oct. 5, 1964	6313
Dugger...	52	June 8, 1945 Taylorville...	1	Springfield...	Oct. 5, 1964	6314
Edwin C. Robson...	22	Aug. 3, 1912 Witt, Illinois...	20	Taylorville...	Oct. 8, 1964	6315
Harry J. Miller...	19	June 18, 1904 Upton, Kentucky...	28	Taylorville...	Oct. 8, 1964	6316
Frank Tomazic...	52	Feb. 19, 1941 Pana, Illinois...	1	Taylorville...	Oct. 8, 1964	6317
Vernon Reynolds...	60	June 10, 1937 Kincaid, Illinois...	3	Taylorville...	Oct. 8, 1964	6318
Kenneth D. Kirkendall...	27	Jan. 2, 1923 Taylorville, Illinois...	6	Taylorville...	Oct. 8, 1964	6319
Robert E. Geloner...	41	Mar. 11, 1940 Tower Hill, Illinois...	1	Taylorville...	Oct. 8, 1964	6320
C. David Munson...	24	Dec. 18, 1933 Witt, Illinois...	1	Taylorville...	Oct. 8, 1964	6321
Witt...	30	Oct. 12, 1940 Gordonville, Missouri...	1	Taylorville...	Oct. 8, 1964	6322
Robert R. Cook...	23					

CERTIFICATES OF COMPETENCY ISSUED BY MINERS' EXAMINING BOARD—FIRST CLASS—1964—Concluded

Name of applicant	Post office address	Age	Date of birth	Birthplace	Years experience	Place of examination	Date of examination	Certificate number
Malvin W. Peel	Edinburg	26	Sept. 19, 1938	Springfield, Illinois	1	Taylorville	Oct. 8, 1964	6323
Vernon H. Jacob	Litchfield	40	Sept. 4, 1924	Litchfield, Illinois	8	Litchfield	Oct. 9, 1964	6324
Samuel A. Moun	Marissa	30	June 8, 1934	Marissa, Illinois	29	Sparta	Oct. 10, 1964	6325
Keith Allen Russell, Jr.	Sparta	25	May 3, 1939	Sparta, Illinois	3	Sparta	Oct. 12, 1964	6326
Cecil G. Oddy	Cartralia	32	July 17, 1932	West Frankfort, Illinois	3	DuQuoin	Oct. 13, 1964	6327
Albert Orlandini	Terre Haute, Indiana	31	Feb. 16, 1933	Pittsboro, Illinois	9	Benton	Oct. 13, 1964	6328
Emmet T. Allen	Pittsburg	31	Feb. 16, 1933	Pittsburg, Illinois	2	Benton	Oct. 13, 1964	6329
Carl E. Price	Mulkeytown	35	Feb. 8, 1926	Mulkeytown, Illinois	6	Benton	Oct. 13, 1964	6330
Edward W. Hill	Eldorado	38	Apr. 14, 1926	Eldorado, Illinois	24	Eldorado	Oct. 14, 1964	6331
La Verne Moliske	Taylorville	29	Sept. 18, 1935	Tovey, Illinois	10	Carrier Mills	Oct. 15, 1964	6332
Pete Hermetz	Orient	55	Mar. 24, 1909	Harrisburg, Illinois	10	Herrin	Oct. 16, 1964	6333
Rex F. Johnson	Cartrville	53	Nov. 29, 1910	Galatia, Illinois	20	Herrin	Nov. 9, 1964	6334
Gerald S. Wolfe	West Terre Haute, Ind.	30	Feb. 26, 1934	Marshall, Ohio	30	Springfield	Nov. 9, 1964	6335
Bob L. Szezeblewski	Sesser	43	Feb. 25, 1921	Tamaroa, Illinois	2	Springfield	Nov. 9, 1964	6336
Pete Vallar	Springfield	35	Dec. 8, 1928	DuQuoin, Illinois	7	Springfield	Nov. 9, 1964	6337
Thomas E. Roach	Benton	51	July 12, 1913	Carbondale, Illinois	2	Springfield	Nov. 9, 1964	6338
Richard McNeil	Royalton	45	Jan. 14, 1919	Sesser, Illinois	11	Springfield	Nov. 9, 1964	6339
Olen L. Johnston	Benton	45	Nov. 25, 1920	Benton, Illinois	10	Springfield	Nov. 9, 1964	6340
Robert M. Kates	Ewing	43	Nov. 23, 1921	Tower Hill, Illinois	22	Springfield	Nov. 12, 1964	6342
Lester E. Kates	Carlisle, Indiana	45	May 29, 1921	Pana, Illinois	15	Taylorville	Nov. 12, 1964	6343
John V. Corso	Nokomis	35	Jan. 8, 1929	Kincaid, Illinois	4	Taylorville	Nov. 12, 1964	6344
Joe F. Kocur	Langleyville	41	Oct. 16, 1920	Kincaid, Illinois	14	Taylorville	Nov. 12, 1964	6345
Richard D. McSpadden	Nokomis	48	Feb. 15, 1916	Taylor Springs, Illinois	33	Taylorville	Nov. 12, 1964	6346
Wayne D. Hooper	Herrin	37	May 6, 1927	Zeigler, Illinois	20	Taylorville	Nov. 12, 1964	6347
Daniel D. Karrick	Zeigler	43	Aug. 28, 1921	Bicknell, Indiana	33	Taylorville	Nov. 12, 1964	6348
John Reek	Edwardsport, Indiana	46	Feb. 6, 1937	Carlisle, Illinois	28	Litchfield	Nov. 13, 1964	6349
Charles E. Goff	Gillespie	27	Mar. 31, 1918	Hillsboro, Illinois	28	Collinsville	Nov. 14, 1964	6350
Carl Linn	Nokomis	49	Mar. 6, 1921	Benton, Illinois	8	DuQuoin	Nov. 16, 1964	6352
Billy Eugene Earnheart	Benton	43	Dec. 21, 1924	Benton, Illinois	20	DuQuoin	Nov. 16, 1964	6353
Billy Joe Stroub	Elkville	35	July 16, 1921	Elkville, Illinois	20	DuQuoin	Nov. 16, 1964	6354
Sam S. Phillips	Mulkeytown	41	Mar. 30, 1923	Johnston City, Illinois	1	DuQuoin	Nov. 16, 1964	6355
Herman Watson	Harrisburg	26	Sept. 15, 1938	Clinton, Indiana	4	DuQuoin	Nov. 17, 1964	6356
Lester Dee Dodd	West Frankfort	49	Mar. 3, 1923	West Frankfort, Illinois	2	Benton	Nov. 17, 1964	6357
Danny A. Kirkman	Benton	41	June 1, 1915	Marion, Illinois	3	Benton	Nov. 17, 1964	6358
Theodore Mazur	West Frankfort	27	Aug. 27, 1937	Logan, Illinois	7	Benton	Nov. 17, 1964	6359
William L. Leigh	Mulkeytown	50	Aug. 27, 1914	Flat River, Missouri	2	Benton	Nov. 17, 1964	6360
Curtis E. Capel	Johnston City	37	Feb. 3, 1927	Johnston City, Illinois	30	Benton	Nov. 17, 1964	6361
	Carrier Mills	60	Apr. 12, 1904	Carrier Mills, Illinois	113	Eldorado	Nov. 18, 1964	6363

Daniel L. Guldge	Galatia	July 16, 1921	West Frankfort, Illinois	10	Eldorado	Nov. 18, 1964	6564
Carl M. Reed	Johnston City	July 12, 1938	Johnston City, Illinois	1	Johnston City	Nov. 19, 1964	6565
Paul Chasteen	Herrin	July 5, 1907	Sailor Springs, Illinois	38	Johnston City	Nov. 19, 1964	6566
John Summers	Herrin	Feb. 9, 1926	Bicknell, Indiana	16	Johnston City	Nov. 19, 1964	6567
Shannon Stewart	Galatia	Aug. 16, 1938	Johnston City, Illinois	13	Johnston City	Nov. 19, 1964	6568
Lawrence Glenn Tripp	Carversville	May 20, 1921	Elkville, Illinois	10	Marion	Nov. 20, 1964	*6569
Frankie Dean Belcher	Marion	Oct. 22, 1933	Pittsburg, Illinois	13	Marion	Nov. 20, 1964	6570
Lawrence Brogdon	DuQuoin	July 15, 1910	DuQuoin, Illinois	16	Marion	Nov. 20, 1964	6571
Harold W. Tanner	Marion	Nov. 19, 1913	Carrier Mills, Illinois	7	Marion	Nov. 20, 1964	6572
Kenneth Austin Wright	Carversville	Aug. 27, 1917	Pinckneyville, Illinois	73	Marion	Nov. 23, 1964	6573
David Guley	Coello	Jan. 13, 1929	Valer, Illinois	14	Christopher	Nov. 23, 1964	6574
Vernon Steel	Sesser	Sept. 16, 1914	DeSoto, Illinois	8	Christopher	Nov. 23, 1964	6575
Tom Lynn Mygatt	Springfield	Nov. 7, 1912	Sesser, Illinois	1	Christopher	Nov. 23, 1964	6576
Arthur Bart	Taylorville	Dec. 28, 1941	Springfield, Illinois	13	Christopher	Dec. 7, 1964	6577
Glen A. Smith	Taylorville	Aug. 10, 1936	Morrissonville, Illinois	13	Springfield	Dec. 9, 1964	6578
Louis Regoli	Taylorville	Apr. 6, 1934	Deysville, Illinois	13	Taylorville	Dec. 9, 1964	6579
Riley J. Lancaster	Taylorville	Sept. 10, 1937	Taylorville, Illinois	1	Taylorville	Dec. 9, 1964	6580
Mike Kachmar	Terre Haute, Indiana	June 2, 1931	Sullivan, Indiana	10	Pana	Dec. 10, 1964	6581
Douglas R. Weaver	Mt. Olive	Sept. 10, 1910	Mt. Olive, Illinois	15	Litchfield	Dec. 11, 1964	6582
Charles Smith	Benton	Aug. 25, 1916	Sesser, Illinois	23	Litchfield	Dec. 11, 1964	6583
Charley E. Spann	West Frankfort	Apr. 28, 1940	Galesburg, Illinois	25	DuQuoin	Dec. 11, 1964	6584
Thomas F. Haley	Brazil, Indiana	Nov. 3, 1914	West Frankfort, Illinois	25	DuQuoin	Dec. 11, 1964	6585
Thomas F. Wetnight	Whittington	Feb. 21, 1906	Mazda, Indiana	16	DuQuoin	Dec. 11, 1964	6586
Everett H. Van Horn	Wenton	Feb. 18, 1903	West Frankfort, Illinois	9	Benton	Dec. 15, 1964	6588
Eugene Somers	West Frankfort	Aug. 18, 1929	Carlyle, Illinois	17	Benton	Dec. 15, 1964	6589
Thomas E. Delgy	Harrisburg	Sept. 19, 1941	St. Francis, Illinois	23	Benton	Dec. 15, 1964	6590
William T. Killman	Harrisburg	July 2, 1943	Portage, Michigan	1	Eldorado	Dec. 16, 1964	6591
Thomas G. Evans	Marion	Sept. 20, 1916	Keisterville, Pennsylvania	25	Eldorado	Dec. 16, 1964	6592
John Rester	Stoughton	Mar. 24, 1937	Galesburg, Illinois	2	Eldorado	Dec. 16, 1964	6594
Wilbur E. Lane	Harrisburg	July 3, 1942	Broadland, Illinois	3	Eldorado	Jan. 15, 1964	*6595
Harry J. Pratter	West Frankfort	July 3, 1942	Harrisburg, Illinois	1	Harrisburg	Dec. 17, 1964	6596
Bob Evans	Johnston City	Mar. 20, 1924	Benton, Illinois	12	West Frankfort	Dec. 18, 1964	6597
Otis D. Horn	Elkville	Nov. 17, 1937	Pittsburg, Illinois	13	West Frankfort	Dec. 18, 1964	6598
Charles R. Wright	Johnston City	June 3, 1927	Elkville, Illinois	12	West Frankfort	Dec. 18, 1964	6599
Fugene Melvin	West Frankfort	Feb. 24, 1918	Johnston City, Illinois	20	West Frankfort	Dec. 18, 1964	6600
John E. Garavalia	Royalton	Oct. 19, 1915	Herrin, Illinois	18	West Frankfort	Dec. 18, 1964	6601
Dennis Asor Slefier	Zeigler	Aug. 14, 1913	Dongola, Illinois	13	Zeigler	Dec. 19, 1964	6602
Vincent H. Hafford	Johnston City	Sept. 20, 1922	Johnston City, Illinois	14	Zeigler	Dec. 19, 1964	6603
Walter Ricketts	West Frankfort	Aug. 6, 1912	Island, Kentucky	30	Zeigler	Dec. 19, 1964	6604
Clyde R. Hulett	West Frankfort	Apr. 25, 1909	Sullivan, Indiana	30	Zeigler	Dec. 19, 1964	6605
Bobby Gene Jarvis	Zeigler	Dec. 28, 1933	Herrin, Illinois	1	Zeigler	Dec. 19, 1964	6607
Kenneth Tindall	Royalton	Dec. 3, 1915	Royalton, Illinois	16	Zeigler	Dec. 19, 1964	6608
Troy L. Simpson	Zeigler	Apr. 29, 1916	Cambria, Illinois	28	Zeigler	Dec. 19, 1964	6609
Joe Bumgarner	Johnston City	Oct. 9, 1903	Mingus, Texas	2	Benton	June 9, 1964	*6110

* Duplicate certificates issued

SUMMARY OF ACTIVITIES OF MINE RESCUE STATIONS

	Benton #1 & Benton #2	DuQuoin	Eldorado	Springfield	Total
Number of persons trained on 100% First Aid Program	28	1	6	62	97
Candidates for additional Training Certificates	14	1	11	44	70
Number of men trained as First Aid Instructors or Key Men					
Number of plants, schools, mines, etc., given 100% Training					
Number of men given complete Mine Rescue Training	2		3	3	8
Number of men given modified Mine Rescue Course	23		9	55	87
Number of calls to mines on emergencies	2	1	3	3	8
Number of Miscellaneous calls other than mines			3	2	5

REPORT OF METAL MINES OPERATIONS—FLUORSPAR, ZINC & LEAD—1964

NAME, LOCATION OF MINE, DEPTH OF SHAFT, USE OF PRODUCTS, METHOD OF HOISTING AND MINING

Name of operator	Location of mine		Depth of shaft	Product used for—	Method of hoisting	Method of mining Hand, Machine or Both
	Post office	County				
Aluminum Co. of America.....	Rosiclare.....	Hardin.....	900'	Making acid fluor spar concentrates	Electric.....	Machine
The Eagle-Picher Co., "Graham".....	Galeana.....	Jo Daviess.....	270'	Producing concentrates for shipment to smelter.....	Electric.....	Machine
Minerva Oil Co. #1.....	Cave-in-Rock.....	Hardin.....	1015'	Glass, ceramics, chemicals, steel, fluorides, etc.....	Electric.....	Machine
Minerva Oil Co., "Crystal Group".....	Elizabethtown.....	Hardin.....	300' to 450'	Making acid, glass, ceramics, and fluorine chemicals, etc.....	Electric & truck adit.....	Machine
Ozark-Mahoning Co.....	Rosiclare.....	Hardin & Pope.....	146' to 804'	Crude ore hauled to concentrating plant for treatment.....	Electric.....	Machine
J. W. Patton & Sons.....	Elizabethtown.....	Pope.....	300'		Electric.....	Machine
					Gasoline.....	Hand & Machine

METAL MINES OPERATIONS—FLUORSPAR, LEAD & ZINC—1964

Name of operator	Production in tons Fluorspar	Number employed	Days worked	Lead and zinc	Explosives used—dynamite, pounds	Accidents		Tons shipped to points in		
						Fatal	Non-fatal	Illinois	Other states	Foreign countries
Aluminum Company of America.....	103, 093	109	256		*11, 718		23		46, 978	
The Eagle-Picher Co., "Graham".....		60	294	171, 279	37, 000					
Minerva Oil Co. #1.....	**141, 091	97	281		100, 500		5		8, 227	
Minerva Oil Company, "Crystal Group".....	**40, 537	58	285		195, 375		6	1, 632	28, 160	122
Ozark-Mahoning Company.....	**110, 803	76	175		*20, 100		4	4, 459	12, 781	55
J. W. Patton & Sons.....	1, 253	8	32		40, 900		18	110, 803		
					*87, 500					
					77, 045					
					2, 000					

* Ammonium Nitrate
** Fluorspar, zinc and lead

STATE MINING BOARD CERTIFICATES ISSUED FOR STATE MINE INSPECTORS—1964

Name	Post office	County	Age	Birthplace	Date of examination	No. of certificate
Grezlak, Edmund.....	Zeigler.....	Franklin.....	52	Pennsylvania.....	May 4 & 5.....	482
Richmond, John.....	Mt. Vernon.....	Jefferson.....	45	Illinois.....	May 4 & 5.....	483
Walker, Charles M.....	Benton.....	Franklin.....	57	Illinois.....	May 4 & 5.....	484
Barber, Martin O.....	Johnston City.....	Williamson.....	53	Iowa.....	Nov. 9 & 10.....	485
Grezlak, Edmund.....	Zeigler.....	Franklin.....	53	Pennsylvania.....	Nov. 9 & 10.....	486

STATE MINING BOARD CERTIFICATES ISSUED FOR MINE MANAGERS—FIRST CLASS—1964

Name	Post office	County	Age	Birthplace	Date of examination	No. of certificate
Caveney, Thomas E.....	W. Terre Haute..... (Ind.)	Vigo.....	50	Indiana.....	May 4.....	4106
Halford, Woodrow.....	Edinburg.....	Christian.....	51	Illinois.....	May 4.....	4107
Higgins, George.....	Benton.....	Franklin.....	40	Illinois.....	May 4.....	4108
Kennedy, Theodore F.....	Marion.....	Williamson.....	39	Virginia.....	May 4.....	4109
Robinson, LeRoy.....	Cartersville.....	Williamson.....	29	Illinois.....	May 4.....	4110
Shepperd, Jesse L.....	Terre Haute, Ind.....	Vigo.....	36	Indiana.....	May 4.....	4111
Stanley, Carl.....	Harrisburg.....	Saline.....	40	Illinois.....	May 4.....	4112
Stewart, Bertice.....	W. Frankfort.....	Franklin.....	45	Illinois.....	May 4.....	4113
Younger, Kenneth F.....	Eldorado.....	Saline.....	43	Kentucky.....	May 4.....	4114
Aue, Francis.....	Taylorville.....	Christian.....	37	Indiana.....	Nov. 9.....	4115
Bennett, Herbert M.....	Eldorado.....	Saline.....	31	Illinois.....	Nov. 9.....	4116
Bennett, Wendell D.....	Harrisburg.....	Saline.....	29	Illinois.....	Nov. 9.....	4117
Brooks, Hallie.....	Marion.....	Williamson.....	53	Illinois.....	Nov. 9.....	4118
Dean, George.....	Taylorville.....	Christian.....	27	Illinois.....	Nov. 9.....	4119
Jenkins, Jon C.....	Kewanee.....	Henry.....	29	Tennessee.....	Nov. 9.....	4120
Johnson, Elmer P.....	Elkville.....	Jackson.....	35	Utah.....	Nov. 9.....	4121
Jones, Carl C.....	Tamara.....	Perry.....	37	Illinois.....	Nov. 9.....	4122
Mayernick, James.....	Kincaid.....	Christian.....	35	Illinois.....	Nov. 9.....	4123
Moore, Irvin C.....	Sparta.....	Randolph.....	40	Illinois.....	Nov. 9.....	4124
Parks, Lyle F.....	Chatham.....	Sangamon.....	30	Illinois.....	Nov. 9.....	4125
Sharpenberg, Warren.....	Hillsboro.....	Montgomery.....	42	Pennsylvania.....	Nov. 9.....	4126
Walker, William O.....	Thompsonville.....	Williamson.....	35	Illinois.....	Nov. 9.....	4127
Whitlow, Farrell.....	Benton.....	Franklin.....	47	Illinois.....	Nov. 9.....	4128

STATE MINING BOARD CERTIFICATES ISSUED FOR MINE EXAMINERS—1964

Name	Post office	County	Age	Birthplace	Date of examination	No. of certificate
Aue, Francis.....	Taylorville.....	Christian.....	37	Indiana.....	May 4.....	5025
Baker, Bobby Ray.....	Benton.....	Franklin.....	32	Illinois.....	May 4.....	5026
Bedwell, Arthur.....	Terre Haute, Ind.....	Vigo.....	38	Indiana.....	May 4.....	5027
Bennett, Herbert M.....	Eldorado.....	Saline.....	31	Illinois.....	May 4.....	5028
Bennett, Wendell D.....	Harrisburg.....	Saline.....	28	Illinois.....	May 4.....	5029
Biggs, Harold Lee.....	Blanford, Ind.....	Vermilion.....	46	Illinois.....	May 4.....	5030
Combs, Harry Alan.....	Robinson.....	Crawford.....	32	Illinois.....	May 4.....	5031
Dean, George.....	Taylorville.....	Christian.....	27	Illinois.....	May 4.....	5032
Diefenbach, Bertis.....	Collinsville.....	Madison.....	33	Illinois.....	May 4.....	5033
Duffee, G. B.....	Galatia.....	Saline.....	39	Illinois.....	May 4.....	5034
Ebler, Austin E.....	Shelburn, Ind.....	Sullivan.....	40	Indiana.....	May 4.....	5035
Gaston, Donovan E.....	New Goshen, Ind.....	Vigo.....	45	Indiana.....	May 4.....	5036
Graves, Mathew, Jr.....	Marion.....	Williamson.....	40	Illinois.....	May 4.....	5037
Koonce, Harry E.....	West Frankfort.....	Franklin.....	39	Illinois.....	May 4.....	5038
Lamsargis, Walter.....	Springfield.....	Sangamon.....	47	Illinois.....	May 4.....	5039
Mayernick, James.....	Kincaid.....	Christian.....	34	Illinois.....	May 4.....	5040
Moore, Irvin C.....	Sparta.....	Randolph.....	40	Illinois.....	May 4.....	5041
Parks, Lyle F.....	Chatham.....	Sangamon.....	29	Illinois.....	May 4.....	5042
Riva, John.....	Kincaid.....	Christian.....	41	Illinois.....	May 4.....	5043
Rowland, James C.....	Litchfield.....	Montgomery.....	25	Illinois.....	May 4.....	5044
Sileoek, John.....	Terre Haute, Ind.....	Vigo.....	57	England.....	May 4.....	5045
Trump, William J.....	Farmersburg, Ind.....	Sullivan.....	36	Indiana.....	May 4.....	5046
Walker, William O.....	Thompsonville.....	Williamson.....	34	Illinois.....	May 4.....	5047
Wilfon, Jack K.....	Sullivan, Ind.....	Sullivan.....	36	Indiana.....	May 4.....	5048
Wise, Robert E., Sr.....	Girard.....	Macoupin.....	38	Illinois.....	May 4.....	5049
Wyatt, Daniel G.....	Harrisburg.....	Saline.....	44	Illinois.....	May 4.....	5050
Chasteen, Paul.....	Herrin.....	Williamson.....	57	Illinois.....	Nov. 9.....	5051
Goessman, Harold D.....	Sesser.....	Franklin.....	24	Illinois.....	Nov. 9.....	5052
Hand, Gene F.....	Murphysboro.....	Jackson.....	35	Illinois.....	Nov. 9.....	5053
Keene, Allen G.....	DuQuoin.....	Perry.....	30	Illinois.....	Nov. 9.....	5054
McCluskey, Gary M.....	Carterville.....	Williamson.....	26	Illinois.....	Nov. 9.....	5055
Parks, Gaylon.....	Carrier Mills.....	Saline.....	23	Illinois.....	Nov. 9.....	5056
Rouse, Richard O.....	Hillsboro.....	Montgomery.....	28	Illinois.....	Nov. 9.....	5057
Stansberry, Dewey M.....	Viriden.....	Macoupin.....	49	Indiana.....	Nov. 9.....	5058
Sutton, Marvin M.....	Benton.....	Franklin.....	28	Indiana.....	Nov. 9.....	5059
Tracey, Thomas.....	Tovey.....	Christian.....	32	Maryland.....	Nov. 9.....	5060
Vanzandt, James A.....	Dowell.....	Jackson.....	36	Illinois.....	Nov. 9.....	5061
Zubal, James A.....	Taylorville.....	Christian.....	37	Colorado.....	Nov. 9.....	5062

STATE MINING BOARD CERTIFICATES ISSUED FOR ELECTRIC HOISTING ENGINEERS—1964

Name	Post office	County	Age	Birthplace	Date of examination	No. of certificate
Ridley, James E.....	Harrisburg.....	Saline.....	42	Illinois.....	May 4.....	1265
Bramlet, John David.....	Harrisburg.....	Saline.....	31	Illinois.....	Nov. 9.....	1266
Craft, Billy V.....	Herrin.....	Williamson.....	44	Illinois.....	Nov. 9.....	1267
Schatteman, Harold.....	Alpha.....	Henry.....	34	Illinois.....	Nov. 9.....	1268

STATE MINING BOARD CERTIFICATES ISSUED FOR ELECTRIC HOISTING ENGINEERS—METAL MINES—1964

Name	Post office	County	Age	Birthplace	Date of examination	No. of certificate
Dutton, Enoch.....	Cave-in-Rock.....	Hardin.....	55	Illinois.....	May 4.....	67
Gibbs, Robert A.....	Rosiclare.....	Hardin.....	30	Illinois.....	May 4.....	68

CERTIFICATES OF COMPLIANCE—EXPLOSIVES—1964

Name	Location of magazine		Pounds of explosives	Certificate number	Fee collected	Number of blasting caps	Certificate number	Fee collected
	Post office	County						
Black White Limestone Company.....	Quincy.....	Adams.....	20,000	1001	5.00	5,000	1002	5.00
Little Dog Coal Company.....	Gillespie.....	Macoupin.....	5,000	1003	5.00	5,000	1004	5.00
R. W. Marshall Equipment Company.....	Equality.....	Saline.....	10,000	1005	5.00	1,000	1006	5.00
Monmouth Stone Company.....	Monmouth.....	Warren.....	20,000	1007	5.00	5,000	1008	5.00
Peabody Coal Company, Northern Illinois.....	South Wilmington.....	Grundy.....	40,000	1009	10.00	-----	-----	-----
Peabody Coal Company, Northern Illinois.....	South Wilmington.....	Grundy.....	40,000	1010	10.00	-----	-----	-----
Peabody Coal Company, Northern Illinois.....	Essex.....	Will.....	2,500	1011	5.00	-----	-----	-----
Viola Materials, Inc.....	South Wilmington.....	Kankakee.....	-----	-----	-----	25,000	1012	5.00
Viola Materials, Inc.....	Matherville.....	Mercer.....	20,000	1014	5.00	10,000	1013	5.00
Houston Coal Company.....	Matherville.....	Mercer.....	10,000	1015	5.00	-----	-----	-----
Menke Stone & Lime Company.....	Carrier Mills.....	Saline.....	2,000	1016	5.00	-----	-----	-----
Alpha Portland Cement Company.....	Quincy.....	Adams.....	15,000	1018	5.00	25,000	1017	5.00
Alpha Portland Cement Company.....	LaSalle.....	LaSalle.....	1,500	1019	5.00	10,000	1020	5.00
Blue Lake Coal Company.....	LaSalle.....	LaSalle.....	25,000	1021	10.00	-----	-----	-----
Catlin Explosives Company.....	Catlin.....	Vermilion.....	500	1022	5.00	10,000	1023	5.00
Covington Stone Company.....	New Minden.....	Vermilion.....	3,000	1024	5.00	-----	-----	-----
Elas Quarries.....	Pleasant View.....	Washington.....	20,000	1025	5.00	5,000	1026	5.00
Federal Chemical Company.....	Danville.....	Schuyler.....	5,000	1027	5.00	300	1028	5.00
Joseph W. Karlovich.....	St. David.....	Vermilion.....	250	1029	5.00	500	1030	5.00
Long Rock Company.....	Princeton.....	Fulton.....	30,000	1032	5.00	2,000	1031	5.00
Midland Electric Coal Corp.....	Midlegrave.....	Fulton.....	15,000	1033	10.00	-----	-----	-----
Midland Electric Coal Corp.....	Bridgeport.....	Lawrence.....	15,000	1036	5.00	15,000	1037	5.00
Pioneer Collieries Division.....	Laura.....	Peoria.....	100	1038	5.00	500	1039	5.00
Abingdon Rock Company.....	Abingdon.....	Knox.....	2,000	1040	5.00	5,000	1041	5.00
Bloomington Gun Company.....	Bloomington.....	McLean.....	15,000	1042	5.00	2,000	1043	5.00
Fenix & Scisson, Inc.....	Tuscola.....	Douglas.....	3,000	1044	5.00	15,000	1045	5.00
Iola Stone & Material Co., Inc.....	Iola.....	Clay.....	30,000	1046	10.00	10,000	1047	5.00
Jones Construction Company.....	Browning.....	Schuyler.....	20,000	1048	5.00	5,000	1049	5.00
Livingston Stone Company.....	Weston.....	Livingston.....	8,500	1050	5.00	2,500	1051	5.00
Midland Electric Coal Corporation.....	Victoria.....	Knox.....	10,000	1052	5.00	10,000	1053	5.00
Quality Lime Company.....	Marshall.....	Clark.....	11,000	1056	10.00	15,000	1057	5.00
Sahara Coal Company.....	Carrier Mills.....	Saline.....	30,000	1058	10.00	25,000	1059	5.00
Sahara Coal Company.....	Harrisburg.....	Saline.....	30,000	1060	5.00	50,000	1061	5.00
Sheffield Shale Products Company.....	Sheffield.....	Bureau.....	3,000	1062	5.00	10,000	1063	5.00
Stonfort Coal Mining Co., Inc.....	Modena.....	Clark.....	10,000	1065	5.00	2,000	1064	5.00
Stonfort Coal Mining Company, Inc.....	Stonfort.....	Williamson.....	20,000	1066	5.00	30,000	1067	5.00

Stolz Quarry	Prairie du Rocher	1068	5.00	20,000	1068	5.00	20,000	1068	5.00
Swift & Company—Agricultural Chemical Division	Natl. Stock Yards	1070	5.00	600	1070	5.00	600	1070	5.00
Thompson Coal Company	Ft. Clair	1072	15.00	60,000	1072	15.00	60,000	1072	15.00
Virginia-Carolina Chemical Company	St. Clair	1074	5.00	300	1074	5.00	300	1074	5.00
Virgin Stone Company	Livingston	1076	5.00	20,000	1076	5.00	20,000	1076	5.00
Vern E. Alcock	Little York	1078	5.00	2,000	1078	5.00	2,000	1078	5.00
American Agricultural Chemical Company	Danville	1080	5.00	300	1080	5.00	300	1080	5.00
Armour Agricultural Chemical Company	E. St. Louis	1082	5.00	1,500	1082	5.00	1,500	1082	5.00
Bellrose Silica Company	Utica	1084	5.00	20,000	1084	5.00	20,000	1084	5.00
Lehigh Stone Company	Kankakee	1086	10.00	50,000	1086	10.00	50,000	1086	10.00
Manteno Limestone Company	Kankakee	1088	15.00	55,000	1088	15.00	55,000	1088	15.00
Manteno Limestone Company	Kankakee	1090	5.00	20,000	1090	5.00	20,000	1090	5.00
Midland Electric Coal Corp.	Mineral	1093	5.00	10,000	1093	5.00	10,000	1093	5.00
Midland Electric Coal Corp.	Sheffield	1094	10.00	30,000	1094	10.00	30,000	1094	10.00
Pitts Quarry, Inc.	Radom	1095	5.00	6,000	1095	5.00	6,000	1095	5.00
Reliance Whiting Company	Washington	1097	5.00	19,800	1097	5.00	19,800	1097	5.00
Smith-Douglass Co., Inc.	Alton	1098	5.00	2,000	1098	5.00	2,000	1098	5.00
Streator Clay Pipe Company	Livingston	1101	5.00	500	1101	5.00	500	1101	5.00
Thunderbird Collieries Corp., Delta	Williamson	1103	5.00	18,000	1103	5.00	18,000	1103	5.00
Utica Stone Company	Utica	1105	5.00	20,000	1105	5.00	20,000	1105	5.00
Wagner Stone Company	Livingston	1107	5.00	20,000	1107	5.00	20,000	1107	5.00
Zaborac Coal Company	Peoria	1109	5.00	1,000	1109	5.00	1,000	1109	5.00
American Agricultural Chemical Company	National City	1111	5.00	600	1111	5.00	600	1111	5.00
Darling & Company	E. St. Louis	1112	5.00	300	1112	5.00	300	1112	5.00
Eureka Williams Company	St. Clair	1113	5.00	300	1113	5.00	300	1113	5.00
J. W. Coal Company, Inc.	Bloomington	1116	10.00	30,000	1116	10.00	30,000	1116	10.00
Minerva Oil Company—Mine #1	Herod	1119	10.00	44,000	1119	10.00	44,000	1119	10.00
Minerva Oil Company—Crystal Mine	Cave-in-Rock	1120	5.00	20,000	1120	5.00	20,000	1120	5.00
Minerva Oil Company—Victory Mine	Cave-in-Rock	1122	5.00	20,000	1122	5.00	20,000	1122	5.00
Minerva Oil Company—Fairbairn Shaft	Rosiclare	1125	5.00	10,000	1125	5.00	10,000	1125	5.00
New Gallatin Coal Company	Peoria	1126	5.00	2,000	1126	5.00	2,000	1126	5.00
Peabody Coal Company, Edwards Mine	Carrier Mills	1128	5.00	2,000	1128	5.00	2,000	1128	5.00
Western Brick Company	Peoria	1130	5.00	2,000	1130	5.00	2,000	1130	5.00
Colchester Stone Company	McDonough	1131	5.00	12,000	1131	5.00	12,000	1131	5.00
Colchester Stone Company	Colchester	1133	5.00	10,000	1133	5.00	10,000	1133	5.00
Colchester Stone Company	Plymouth	1135	5.00	12,000	1135	5.00	12,000	1135	5.00
East St. Louis Stone Company	Carthage	1137	5.00	20,000	1137	5.00	20,000	1137	5.00
LaMar Stone Company	Dupo	1139	10.00	35,000	1139	10.00	35,000	1139	10.00
Osborn Brothers Quarry	Peoria	1141	5.00	5,000	1141	5.00	5,000	1141	5.00
Osborn Brothers Quarry	Dallas City	1142	5.00	5,000	1142	5.00	5,000	1142	5.00
Perotter Hardwar	Henderson	1145	5.00	1,000	1145	5.00	1,000	1145	5.00
Chicago Stone Company	Macopin	1147	5.00	20,000	1147	5.00	20,000	1147	5.00
Collinson Stone Company	Livingston	1149	5.00	10,000	1149	5.00	10,000	1149	5.00
Cordova Quarry, Inc.	Milan	1151	5.00	10,000	1151	5.00	10,000	1151	5.00
Fairview Collieries Corp.	Whiteside	1153	5.00	30,000	1153	5.00	30,000	1153	5.00
Fairview Collieries Corp.	Vermillion	1154	5.00	20,000	1154	5.00	20,000	1154	5.00
Hazel Dell Coal Corp.	Fulton	1156	5.00	20,000	1156	5.00	20,000	1156	5.00
Marquette Cement Mfg. Co.	Mercer	1158	15.00	65,000	1158	15.00	65,000	1158	15.00
	LaSalle	1160	5.00	25,000	1160	5.00	25,000	1160	5.00

CERTIFICATES OF COMPLIANCE—EXPLOSIVES—1964—Continued

Name	Location of magazine		Pounds of explosives	Certificate number	Fee collected	Number of blasting caps	Certificate number	Fee collected
	Post office	County						
Ozark-Mahoning Company.....	Cave-in-Rock.....	Hardin.....	20,000	1162	5.00	15,000	1164	5.00
Ozark-Mahoning Company.....	Cave-in-Rock.....	Hardin.....	20,000	1163	5.00	15,000	1165	5.00
Ozark-Mahoning Company.....	Cave-in-Rock.....	Hardin.....	20,000	1168	5.00	15,000	1167	5.00
Ozark-Mahoning Company.....	Rosiclare.....	Hardin.....	20,000	1169	5.00	15,000	1170	5.00
Peabody Coal Co., Midwest District.....	Belleville.....	St. Clair.....	15,000	1171	5.00	15,000	1172	5.00
H. W. Randall.....	Dix.....	Jefferson.....	10,000	1173	5.00	10,000	1174	5.00
Triple S Mines, Inc.....	Augusta.....	Adams.....	20,000	1176	5.00	500	1175	5.00
FS Services, Inc.....	Collinsville.....	St. Clair.....	1,000	1177	5.00	500	1178	5.00
FS Services, Inc.....	Ficklin.....	Douglas.....	1,500	1179	5.00	1,500	1180	5.00
Granite City Steel Co.....	Granite City.....	Madison.....	4,000	1181	5.00	2,000	1182	5.00
Keystone Steel & Wire Company.....	Bartonville.....	Peoria.....	200	1183	5.00	1,500	1184	5.00
Fred C. Morrison.....	Crescent City.....	Froquois.....	2,000	1185	5.00	1,000	1186	5.00
Ottawa Silica Company.....	Ottawa.....	LaSalle.....	50,000	1187	10.00	30,000	1188	5.00
Streator Brick Company.....	Streator.....	LaSalle.....	800	1189	5.00	300	1190	5.00
Hydraulic Press Brick Company.....	Utica.....	LaSalle.....	400	1191	5.00	500	1192	5.00
Hydraulic Press Brick Company.....	Harrisburg.....	Saline.....	40,000	1193	5.00	25,000	1194	5.00
Youngs Coal Corporation.....	E. St. Louis.....	St. Clair.....	20,000	1195	5.00	20,000	1196	5.00
The Casper Stolle Quarry & Contr. Company.....	Alton.....	Madison.....	2,500	1197	5.00	3,000	1198	5.00
Frederic Brick & Tile Co., Inc.....	Mt. Sterling.....	Brown.....	200	1200	5.00	125	1199	5.00
Old Ben Coal Corporation.....	Benton.....	Franklin.....	10,000	1201	5.00	8,000	1202	5.00
Peabody Coal Company, Mine #10.....	Pawnee.....	Christian.....	20,000	1204	5.00	15,000	1203	5.00
Shiloh Valley Coal Company.....	Belleville.....	St. Clair.....	600	1206	5.00	1,000	1205	5.00
Solvay Process Division, Allied Chemical Corporation.....	Prairie du Rocher.....	Randolph.....	30,000	1207	10.00	25,000	1208	5.00
Allied Stone Company.....	Milan.....	Rock Island.....	30,000	1209	10.00	10,000	1210	5.00
Birell Creek Coal Company.....	Roodhouse.....	Greene.....	8,000	1211	5.00	1,000	1212	5.00
Central Illinois Stone Co., Inc.....	Nokomis.....	Montgomery.....	18,000	1213	5.00	2,000	1214	5.00
D-P Indian Point Limestone Products, Inc.....	Athens.....	Menard.....	20,000	1215	5.00	5,000	1217	5.00
D-P Indian Point Limestone Products, Inc.....	Marshallfield.....	LaSalle.....	100	1219	5.00	100	1218	5.00
National Phosphate Corporation.....	Springfield.....	Sangamon.....	100	1220	5.00	100	1221	5.00
Pescor Brick & Concrete Products Company.....	Oakland.....	Coles.....	300	1222	5.00	500	1223	5.00
C. N. Wigginton & Son.....	Rosiclare.....	Hardin.....	20,000	1224	5.00	5,000	1227	5.00
Aluminum Company of America.....	Rosiclare.....	Hardin.....	2,000	1225	5.00	50,000	1229	5.00
Aluminum Company of America.....	Rosiclare.....	Hardin.....	20,000	1226	5.00	50,000	1232	5.00
Aluminum Company of America.....	Rosiclare.....	Hardin.....	20,000	1228	5.00	10,000	1231	5.00
Aluminum Company of America.....	Rosiclare.....	Hardin.....	20,000	1230	5.00	1,500	1234	5.00
Forsyth-Energy Coal Company.....	Energy.....	Williamson.....	30,000	1231	10.00	2,000	1236	5.00
Southern Illinois Stone Company.....	Buncombe.....	Johnson.....	30,000	1233	10.00	1,500	1234	5.00
Casey Stone Company.....	Casey.....	Clark.....	10,000	1235	5.00	2,000	1236	5.00

Casey Stone Company.....	Clark	10,000	1237	5.00	2,000	1238	5.00
Central Limestone Company.....	Clark	20,000	1240	5.00	20,000	1238	5.00
Charles Stone Company.....	Clark	35,000	1241	10.00	35,000	1242	5.00
E. I. du Pont de Nemours & Co.	Grundy	200,000	1243	20.00			
E. I. du Pont de Nemours & Co.	Grundy	225,000	1244	25.00			
E. I. du Pont de Nemours & Co.	Grundy	225,000	1245	25.00			
E. I. du Pont de Nemours & Co.	Grundy	75,000	1246	15.00			
E. I. du Pont de Nemours & Co.	Grundy	150,000	1247	20.00			
Magnesium Lime Company.....	Jersey	5,000	1248	5.00	4,000	1240	5.00
Powers-Thompson Construction Company.....	Joliet	800	1251	5.00	5,000	1250	5.00
Richards Brick Company.....	New Douglas	400	1252	5.00	150	1253	5.00
Shuler Coal Company.....	Alpha	5,000	1254	5.00	20,000	1255	5.00
Venedy Coal Company.....	Henry	2,000	1256	5.00			
Chester Quarry Company.....	Washington	20,000	1257	5.00	10,000	1258	5.00
United Electric Coal Cos.	Randolph	2,000	1259	5.00	1,000	1260	5.00
United Electric Coal Cos.	Vernilion	35,000	1261	10.00			
United Electric Coal Cos.	Canton	20,000	1262	5.00	40,000	1263	5.00
United Electric Coal Cos.	Fulton	20,000	1264	5.00			
United Electric Coal Cos.	Cuba	20,000	1265	5.00	50,000	1266	5.00
United Electric Coal Cos.	Banner	45,000	1267	10.00	300	1268	5.00
United Electric Coal Cos.	DuQuoin	30,000	1269	10.00	25,000	1270	5.00
United Electric Coal Cos.	Perry	30,000	1271	10.00			
United Electric Coal Cos.	Teutopolis	2,000	1272	5.00	2,000	1273	5.00
Weber Bros. Equipment, Inc.	Effingham	300	1275	5.00	300	1274	5.00
Commonwealth Edison Company.....	Lake	50	1276	5.00	5,000	1278	5.00
Technological-Center Division, Cook Electric Co.	Cook	50	1277	5.00	5,000	1279	5.00
Technological-Center Division, Cook Electric Co.	Morton Grove	20,000	1280	5.00	10,000	1281	5.00
Lincoln Stone Company.....	Joliet	30,000	1282	10.00	5,000	1283	5.00
Tri-County Stone Company.....	Christian	20,000	1284	5.00	10,000	1285	5.00
Missouri Portland Cement Company.....	Jo Daviess	500	1286	5.00	500	1287	5.00
Tri-County Stone Company.....	Chicago	200	1289	5.00	100,000	1288	5.00
Zenith Radio Corporation.....	Jerseyville	5,000	1291	5.00	5,000	1290	5.00
Clay East Red-Mix Concrete, Inc.	Fieldon	10,000	1293	5.00	5,000	1292	5.00
Jersey Quarry, Inc.	Pike	25,000	1295	10.00	3,000	1294	5.00
Lacey & Bauer Quarry.....	Quincy	2,000	1296	5.00			
Marblehead Lime Company.....	Quincy						
Ward Quarry, Inc.	Quincy						
Blair Quarries, Inc.	Montgomery	10,000	1298	5.00	10,000	1299	5.00
Austin Powder Company.....	Henderson	20,000	1301	5.00	1,500	1300	5.00
Austin Powder Company.....	Harrisburg	40,000	1302	5.00			
Austin Powder Company.....	Harrisburg	50,000	1303	10.00	100,000	1304	5.00
Dolase & Shepard Company.....	Springfield	50,000	1306	10.00	30,000	1305	5.00
National Stone Company.....	Wadegins	2,000	1308	5.00	3,000	1307	5.00
Independent Explosives Co. of Illinois, Inc.	Joliet	60,000	1310	15.00	5,000	1309	5.00
Independent Explosives Co. of Illinois, Inc.	Benton	30,000	1311	10.00	100,000	1312	5.00
Juzalski Coal Company.....	Grave Creek	100	1314	5.00	100,000	1313	5.00
Peabody Coal Company, Key Mine.....	Schuyler	20,000	1315	5.00	10,000	1316	5.00
Peabody Coal Company, Key Mine.....	Pleasant View				10,000	1317	5.00

CERTIFICATES OF COMPLIANCE—EXPLOSIVES—1964—Continued

Name	Location of magazine		Pounds of explosives	Certificate number	Fee collected	Number of blasting caps	Certificate number	Fee collected
	Post office	County						
Western Illinois Stone Company	Quincy	Adams	20,000	1319	5.00	1,000	1318	5.00
General Time Laboratory	Stokely	Cook				1,000	1320	5.00
The Magnavox Company	Urbana	Champaign		1321	5.00			
The Magnavox Company	Urbana	Champaign	100	1322	5.00			
The Magnavox Company	Urbana	Champaign	100	1323	5.00			
The Magnavox Company	Urbana	Champaign	100	1325	5.00	100,000	1324	5.00
Torky Ford & Thomas Company	Lincoln	Logan	20,000	1327	5.00	2,000	1326	5.00
Independent Torpedo Co., Inc.	Lawrenceville	Lawrence	5,000	1329	5.00	500	1328	5.00
Independent Torpedo Co., Inc.	Robinson	Crawford	3,000	1331	5.00	1,000	1330	5.00
Independent Torpedo Co., Inc.	Carmi	White	5,000	1332	5.00			
Independent Torpedo Co., Inc.	Carmi	White	5,000	1333	5.00			
Calhoun Quarry Company	Brussels	Calhoun	2,000	1335	5.00	1,000	1334	5.00
Truax-Tracer Coal Company, Little Sister Mine	St. David	Fulton	50,000	1336	10.00	30,000	1337	5.00
Truax-Tracer Coal Company, Little Sister Mine	St. David	Fulton	20,000	1338	5.00			
Hill Brick Company	E. St. Louis	St. Clair	2,000	1340	5.00	1,000	1339	5.00
The American Silica Sand Co., Inc.	Utica	LaSalle	20,000	1341	5.00	20,000	1341	5.00
Dooley Brothers, Inc.	Peoria	Peoria	80,000	1344	15.00	30,000	1342	5.00
Dooley Brothers, Inc.	Peoria	Peoria	50,000	1345	10.00	200,000	1343	5.00
Dooley Clay Products Company	Springfield	Sangamon	35,000	1346	10.00	60,000	1347	5.00
James E. McElvain Company	Morris	Grundy	10,000	1348	5.00	1,000	1349	5.00
Charles O'Brien & Son Construction Co., Inc.	Morris	Grundy	5,000	1350	5.00	1,000	1351	5.00
Propellex, Div. Chromalloy Corp.	Edwardsville	Madison	500	1352	5.00	50	1353	5.00
Propellex, Div. Chromalloy Corp.	Edwardsville	Madison	500	1355	5.00	5,000	1356	5.00
Propellex, Div. Chromalloy Corp.	Edwardsville	Madison	500	1357	5.00			
Sangamon County Highway Department	Springfield	Sangamon	50,000	1358	10.00	150	1359	5.00
UNIDYNAMICS, A Div. of Universal Match Corp.	Marion	Williamson	20,000	1360	5.00			
UNIDYNAMICS, A Div. of Universal Match Corp.	Marion	Williamson	20,000	1361	5.00			
UNIDYNAMICS, A Div. of Universal Match Corp.	Marion	Williamson	20,000	1362	5.00			
UNIDYNAMICS, A Div. of Universal Match Corp.	Cartersville	Williamson	4,000	1363	5.00			
UNIDYNAMICS, A Div. of Universal Match Corp.	Cartersville	Williamson	4,000	1364	5.00			
UNIDYNAMICS, A Div. of Universal Match Corp.	Cartersville	Williamson	4,000	1365	5.00			
UNIDYNAMICS, A Div. of Universal Match Corp.	Cartersville	Williamson	4,000	1366	5.00			
UNIDYNAMICS, A Div. of Universal Match Corp.	Marion	Williamson	20,000	1367	5.00			
UNIDYNAMICS, A Div. of Universal Match Corp.	Marion	Williamson	20,000	1368	5.00			
UNIDYNAMICS, A Div. of Universal Match Corp.	Marion	Williamson	20,000	1369	5.00			
UNIDYNAMICS, A Div. of Universal Match Corp.	Marion	Williamson	20,000	1370	5.00			
UNIDYNAMICS, A Div. of Universal Match Corp.	Marion	Williamson	20,000	1371	5.00			
UNIDYNAMICS, A Div. of Universal Match Corp.	Marion	Williamson	20,000	1372	5.00			
UNIDYNAMICS, A Div. of Universal Match Corp.	Marion	Williamson	20,000	1373	5.00			
UNIDYNAMICS, A Div. of Universal Match Corp.	Marion	Williamson	20,000	1374	5.00			
UNIDYNAMICS, A Div. of Universal Match Corp.	Marion	Williamson	20,000	1375	5.00			

UNIDYNAMICS, A Div. of Universal Match Corp.	Marion	Williamson	20,000	1376	5.00		
UNIDYNAMICS, A Div. of Universal Match Corp.	Marion	Williamson	20,000	1377	5.00		
UNIDYNAMICS, A Div. of Universal Match Corp.	Marion	Williamson	20,000	1378	5.00		
Nokomis Quarry, Inc.	Wetonsah	Montgomery	20,000	1379	5.00	10,000	1380
Hercules Powder Company	Lockport	Will	20,000	1382	5.00	280,000	1381
Hercules Powder Company	Lockport	Will	20,000	1383	5.00		
Hercules Powder Company	Lockport	Will	150,000	1384	20.00	200,000	1385
Hercules Powder Company	Lockport	Will				50,000	1386
Acme Gas and Pumping Company	Grayville	Edwards	600	1387	5.00	1,000	1388
Oak Hills Lumber and Quarry	Grayville	Edwards	12,000	1389	5.00	1,000	1390
A-1 Casing Pipe & Supply Co., Inc.	McCarroll	Wabash	150	1390	5.00	1,500	1391
Hydraulic Pipe and Brick Company	St. Clair	Marshall	2,000	1393	5.00	5,000	1392
Mississippi Lime Company	Alton	Madison	40,000	1395	10.00		1394
Mississippi Lime Company	Alton	Madison	40,000	1396	10.00	10,000	1397
U. S. Powder Company	Lockport	Will	60,000	1398	15.00	10,000	1399
U. S. Powder Company	Lockport	Will	80,000	1400	15.00	20,000	1401
WESTCLOX, Div. of General Time Corp.	Pleasant View	Schuyler	100	1406	5.00	150,000	1402
WESTCLOX, Div. of General Time Corp.	Peru	LaSalle				150,000	1403
WESTCLOX, Div. of General Time Corp.	Peru	LaSalle				150,000	1404
WESTCLOX, Div. of General Time Corp.	Peru	LaSalle				25,000	1405
Central Technology, Inc.	Marion	Williamson	1,000	1407	5.00	30,000	1409
The Eagle-Picher Company	Galena	Jo Daviess	15,000	1408	10.00		
The Eagle-Picher Company	Galena	Jo Daviess	50,000	1410	5.00		
McClure Quarries, Inc.	Tennessee	McDonough	10,000	1411	5.00	2,000	1413
McClure Quarries, Inc.	Troy Grove	LaSalle	9,000	1412	5.00		
Troy Grove Stone Quarry, Inc.	Robinson	Crawford	1,500	1415	5.00	2,000	1414
American Glycerin Co., Inc.	American Glycerin Co., Inc.	Lawrence	10,000	1416	5.00	1,000	1417
American Glycerin Co., Inc.	American Glycerin Co., Inc.	Lawrenceville	5,000	1418	5.00	10,000	1419
American Glycerin Co., Inc.	Stoy	Crawford	5,000	1420	5.00	8,000	1421
American Glycerin Co., Inc.	Stoy	Crawford	5,000	1422	5.00		
American Glycerin Co., Inc.	Stoy	Crawford	5,000	1423	5.00		
Wedron Silica Company	Wedron	LaSalle	20,000	1424	5.00	10,000	1425
Liberty Coal Company	Cartersville	Williamson	2,000	1426	5.00	1,000	1427
Pontiac Stone Company	Pontiac	Livingston	100,000	1428	15.00	10,000	1429
Pringle Powder Co., Inc.	Mt. Carmel	Wabash	5,000	1430	5.00		
Pringle Powder Co., Inc.	Mt. Carmel	Wabash	5,000	1431	5.00		
Pringle Powder Co., Inc.	Crossville	White	20,000	1432	5.00		
Pringle Powder Co., Inc.	Crossville	White	20,000	1433	5.00		
Gray Quarries, Inc.	Hamilton	Hancock	10,000	1434	5.00	5,000	1435
Herbert Stevenson	Ottawa	LaSalle	40,000	1437	10.00	100,000	1436
Atlas Chemical Industries, Inc.	Quincy	Adams	24,000	1438	10.00		
Atlas Chemical Industries, Inc.	Quincy	Adams	30,000	1440	10.00	500,000	1439
Atlas Chemical Industries, Inc.	Quincy	Adams	25,000	1441	10.00		
Atlas Chemical Industries, Inc.	Galena	Jo Daviess	100,000	1444	15.00	300,000	1442
Atlas Chemical Industries, Inc.	Galena	Jo Daviess	40,000	1445	10.00	290,000	1443
Atlas Chemical Industries, Inc.	Lenzburg	St. Clair	20,000	1446	3.00		
Atlas Chemical Industries, Inc.	Lenzburg	St. Clair	30,000	1447	10.00	250,000	1448
Atlas Chemical Industries, Inc.	Lenzburg	St. Clair	30,000	1449	10.00		
Atlas Chemical Industries, Inc.	Joliet	Will				60,000	1450
Atlas Chemical Industries, Inc.	Joliet	Will					

CERTIFICATES OF COMPLIANCE—EXPLOSIVES—1964—Continued

Name	Location of magazine		Pounds of explosives	Certificate number	Fee collected	Number of blasting caps	Certificate number	Fee collected
	Post office	County						
Atlas Chemical Industries, Inc.	Joliet	Will	75,000	1452	15.00	150,000	1451	5.00
Atlas Chemical Industries, Inc.	Joliet	Will	90,000	1453	15.00			
Atlas Chemical Industries, Inc.	Joliet	Will	50,000	1454	10.00			
Atlas Chemical Industries, Inc.	Joliet	Will	50,000	1455	10.00			
Atlas Chemical Industries, Inc.	Marion	Williamson	20,000	1456	5.00			
Atlas Chemical Industries, Inc.	Marion	Williamson	25,000	1457	10.00	350,000	1458	5.00
Atlas Chemical Industries, Inc.	Marion	Williamson	50,000	1460	10.00	100,000	1459	5.00
Atlas Chemical Industries, Inc.	Dixon	Lee	100,000	1461	15.00	100,000	1462	5.00
Valstad Quarry	Kane	Greene	10,000	1463	5.00	1,000	1464	5.00
Valstad Quarry	Hillview	Greene	20,000	1465	5.00	1,000	1466	5.00
American Cyanamid Company	Dixon	Lee	250,000	1467	25.00			
American Cyanamid Company	Dixon	Lee	150,000	1468	20.00			
American Cyanamid Company	Dixon	Lee	150,000	1469	20.00			
American Cyanamid Company	Dixon	Lee	250,000	1470	25.00			
American Cyanamid Company	Dixon	Lee	250,000	1471	25.00			
American Cyanamid Company	Dixon	Lee	150,000	1472	20.00			
American Cyanamid Company	Dixon	Lee	250,000	1473	25.00			
American Cyanamid Company	Dixon	Lee	250,000	1474	25.00			
American Cyanamid Company	Dixon	Lee	250,000	1475	25.00			
American Cyanamid Company	Dixon	Lee	250,000	1476	25.00			
American Cyanamid Company	Dixon	Lee	250,000	1477	25.00			
American Cyanamid Company	Dixon	Lee	250,000	1478	25.00			
Explosives Engineering Service, Inc.	Dixon	Lee	250,000	1479	25.00			
Explosives Engineering Service, Inc.	Dixon	Lee	250,000	1480	25.00			
Explosives Engineering Service, Inc.	Dixon	Lee	250,000	1481	25.00			
Explosives Engineering Service, Inc.	Dixon	Lee	250,000	1482	25.00			
Explosives Engineering Service, Inc.	Dixon	Lee	250,000	1483	25.00			
Explosives Engineering Service, Inc.	Dixon	Lee	250,000	1484	25.00			
Explosives Engineering Service, Inc.	Dixon	Lee	250,000	1485	25.00			
Explosives Engineering Service, Inc.	Dixon	Lee	250,000	1486	25.00			
Explosives Engineering Service, Inc.	Dixon	Lee	250,000	1487	25.00			
Explosives Engineering Service, Inc.	Dixon	Lee	250,000	1488	25.00			
Explosives Engineering Service, Inc.	Dixon	Lee	250,000	1489	25.00			
Explosives Engineering Service, Inc.	Dixon	Lee	200,000	1490	20.00			
Explosives Engineering Service, Inc.	Dixon	Lee	200,000	1491	20.00			
Explosives Engineering Service, Inc.	Dixon	Lee	150,000	1492	20.00			
Explosives Engineering Service, Inc.	Dixon	Lee	70,000	1493	15.00			
Explosives Engineering Service, Inc.	Dixon	Lee	100,000	1494	15.00			
Explosives Engineering Service, Inc.	Dixon	Lee	150,000	1495	20.00			
Explosives Engineering Service, Inc.	Dixon	Lee				100,000	1496	5.00
Explosives Engineering Service, Inc.	Florence	Pike	20,000	1498	5.00	1,000	1497	5.00
Missouri Stone Quarry	Athens	Memard	10,000	1499	5.00	2,000	1500	5.00

Fishers Hardware	Woodbine	To Davies	2,500	1501	5,000	1502	5,000
ITT Research Institute	Chicago	Cook	50	1503	5,000		5,000
Johnston Coal Company	Morrison	Whitide	5,000	1504	5,000	1505	5,000
A. T. K. Rogers	Fullerton	Call	1,000	1506	5,000		5,000
Aldritt Brothers	Fulton	Whitide	20,000	1508	5,000	1507	5,000
Hanley Industries, Inc.	Marion	Whitide	20,000	1509	5,000		5,000
Hiram B. Martin	Colester	McDonough	2,000	1510	1,000	1511	5,000
Rockford Blacktop Construction Co.	Durand	Winnabago	10,000	1512	800	1513	5,000
Rockford Blacktop Construction Co.	Loves Park	Winnabago	7,000	1513	1,000	1515	5,000
Thomas Quarry, Incorporated	Winchester	Scott	9,000	1516	4,000	1517	5,000
Birdwell, Division of SSC	Robinson	Crawford	500	1518	200	1519	5,000
Denny & Simpson Stone Co.	Elizabethtown	Hardin	5,000	1520	3,000	1521	5,000
Krueger Quarry	Winchester	Scott	3,000	1523	5,000	1522	5,000
Medusa Portland Cement Co.	East Dixon	Lee	40,000	1524	5,000	1525	5,000
Walter Richard Coal Mine	Lewistown	Fulton	800	1526	10,000	1527	5,000
Armour Agricultural Chemical Co.	Chicago Heights	Cook	500	1530	5,000	1529	5,000
Elmer Larson, Inc.	Maple Park	DeKalb	15,000	1530	5,000	1531	5,000
Stoneridge Limestone Co.	Big Rock	Kane	15,000	1532	5,000		5,000
Morton Chemical Company	Rochelle	Lee	6,000	1533	5,000	1534	5,000
Elmhurst-Chicago Stone Company	Ringwood	McHenry	700	1535	5,000		5,000
Garden Prairie Stone Co., Inc.	Elmhurst	McHenry	50,000	1536	5,000		5,000
Gregory-Anderson Company	Marengo	DuPage	500	1537	5,000	1538	5,000
Nauvoo Quarries, Inc.	Rockford	McHenry	2,000	1539	5,000	1540	5,000
Material Service, Div. of General Dynamics Corp.	Ottawa	Winnabago	4,000	1541	5,000	1542	5,000
Material Service, Div. of General Dynamics Corp.	McCook	LaSalle	25,000	1543	5,000	1544	5,000
Material Service, Div. of General Dynamics Corp.	McCook	Cook	5,000	1545	10,000	1546	5,000
Material Service, Div. of General Dynamics Corp.	McCook	Cook	3,000	1548	5,000		5,000
Material Service, Div. of General Dynamics Corp.	McCook	Cook	3,000	1549	5,000		5,000
Material Service, Div. of General Dynamics Corp.	Lyons	Cook	3,000	1551	5,000		5,000
Material Service, Div. of General Dynamics Corp.	Lyons	Cook	4,000	1552	5,000		5,000
Material Service, Div. of General Dynamics Corp.	Lyons	Cook	3,000	1553	5,000		5,000
Material Service, Div. of General Dynamics Corp.	Lockport	Cook	40,000	1555	25,000	1554	5,000
Material Service, Div. of General Dynamics Corp.	Lockport	Will	3,000	1556	10,000		5,000
Material Service, Div. of General Dynamics Corp.	Skokie	Will	3,000	1558	5,000	1557	5,000
Material Service, Div. of General Dynamics Corp.	Chicago	Cook	10,000	1559	5,000		5,000
Material Service, Div. of General Dynamics Corp.	Farmington	Vermilion	40,000	1561	10,000	1560	5,000
Material Service, Div. of General Dynamics Corp.	Thornion	Cook	4,000	1563	10,000		5,000
Material Service, Div. of General Dynamics Corp.	Thornion	Cook	20,000	1565	5,000		5,000
Material Service, Div. of General Dynamics Corp.	Thornion	Cook	20,000	1567	5,000	1566	5,000
Ordinance Engineering Associates, Inc.	Lockport	Will	4,000	1569	10,000	1568	5,000
Hercules Powder Company, Inc.	Lockport	Will	1,000	1569	5,000		5,000
American Cyanamid Company	Millstadt	St. Clair	225,000	1570	25,000		5,000
American Cyanamid Company	Gladstone	St. Clair	125,000	1571	20,000	1572	5,000
Builders Supply Co., Inc.	Rochelle	Henderson	100,000	1573	15,000	1574	5,000
Freeman Coal Mining Corporation	Aurora	Kane	500	1577	5,000	1578	5,000
	Pittsburg	Williamson	500	1579	5,000	1580	5,000

CERTIFICATE OF COMPLIANCE—EXPLOSIVES—1964—Continued

Name	Location of magazine		Pounds of explosives	Certificate number	Fee collected	Number of blasting caps	Certificate number	Fee collected
	Post office	County						
Freeman Coal Mining Corporation.....	Waltonville.....	Jefferson.....	400.....	1581.....	5.00.....	5,000.....	1582.....	5.00.....
Freeman Coal Mining Corporation.....	West Frankfort.....	Franklin.....	1,400.....	1583.....	5.00.....	20,000.....	1584.....	5.00.....
Freeman Coal Mining Corporation.....	Logan.....	Franklin.....	3,000.....	1585.....	5.00.....	3,000.....	1586.....	5.00.....
Freeman Coal Mining Corporation.....	Farmersville.....	Mon'tgomery.....	8,000.....	1587.....	5.00.....	5,000.....	1588.....	5.00.....
Freeman Coal Mining Corporation.....	Rochelle.....	Ogle.....	20,000.....	1589.....	5.00.....	1,000.....	1590.....	5.00.....
Freeman Coal Mining Corporation.....	Amboy.....	Lee.....	30,000.....	1591.....	5.00.....	20,000.....	1592.....	5.00.....
Dickinson Hardware Company.....	Charleston.....	Coles.....	4,000.....	1593.....	10.00.....	15,000.....	1594.....	5.00.....
Vulcan Materials Co., Consumers Co. Div.....	McCook.....	Cook.....	10,000.....	1595.....	5.00.....	1,000.....	1596.....	5.00.....
Vulcan Materials Co., Consumers Co. Div.....	McCook.....	Cook.....	1,000.....	1597.....	5.00.....	1,000.....	1598.....	5.00.....
Vulcan Materials Co., Consumers Co. Div.....	Hillside.....	Cook.....	200.....	1599.....	5.00.....	1,000.....	1600.....	5.00.....
International Minerals & Chemical Corporation.....	Chicago Heights.....	Cook.....	4,000.....	1601.....	5.00.....	2,000.....	1602.....	5.00.....
Morton Salt Company.....	Chicago.....	Cook.....	4,000.....	1603.....	5.00.....	10,000.....	1604.....	5.00.....
Illinois State Penitentiary.....	Cherter.....	Franklin.....	45,000.....	1605.....	10.00.....	30,000.....	1606.....	5.00.....
Loy Hardware Company.....	Milledale.....	St. Clair.....	4,000.....	1607.....	5.00.....	3,000.....	1608.....	5.00.....
Peabody Coal Company, Midwest Mine.....	Rockford.....	Winnebago.....	600.....	1611.....	5.00.....	500,000.....	1612.....	5.00.....
Continental Fireworks Mfg. & Display Company.....	Jacksonville.....	Michigan.....	35,000.....	1612.....	10.00.....	1,000,000.....	1613.....	5.00.....
E. I. du Pont de Nemours & Company.....	Marion.....	Williamson.....	55,000.....	1613.....	15.00.....	500,000.....	1614.....	5.00.....
E. I. du Pont de Nemours & Company.....	Seneca.....	Grundy.....	40,000.....	1615.....	10.00.....	500,000.....	1616.....	5.00.....
E. I. du Pont de Nemours & Company.....	Seneca.....	Grundy.....	60,000.....	1618.....	15.00.....	100,000.....	1617.....	5.00.....
E. I. du Pont de Nemours & Company.....	Romeoville.....	Will.....	30,000.....	1619.....	10.00.....	3,600.....	1621.....	5.00.....
E. I. du Pont de Nemours & Company.....	Romeoville.....	Will.....	35,000.....	1620.....	10.00.....	6,000.....	1622.....	5.00.....
Stephenson County Highway Department.....	Freeport.....	Stephenson.....	5,000.....	1622.....	5.00.....	50,000.....	1623.....	5.00.....
Illinois Quarry Company.....	Campbell Hill.....	Jackson.....	16,000.....	1624.....	5.00.....	1,000.....	1625.....	5.00.....
Southwestern Illinois Coal Corporation.....	Percy.....	Randolph.....	45,000.....	1626.....	10.00.....	8,000.....	1627.....	5.00.....
Illinois Valley Minerals Corporation.....	Naplate.....	LaSalle.....	10,000.....	1628.....	5.00.....	5,000.....	1629.....	5.00.....
Midwest Stone Company.....	Anna.....	Union.....	20,000.....	1630.....	5.00.....	5,000.....	1631.....	5.00.....
Eden Mining Corporation.....	Sparta.....	Randolph.....	2,000.....	1632.....	5.00.....	5,000.....	1633.....	5.00.....
Hercules Powder Company.....	Freeburg.....	St. Clair.....	70,000.....	1635.....	15.00.....	20,000.....	1634.....	5.00.....
Peabody Coal Company, River King.....	Freeburg.....	St. Clair.....	100,000.....	1636.....	15.00.....	20,000.....	1637.....	5.00.....
Peabody Coal Company, River King.....	Freeburg.....	St. Clair.....	20,000.....	1638.....	5.00.....	20,000.....	1638.....	5.00.....
Peabody Coal Company, River King.....	Freeburg.....	St. Clair.....	40,000.....	1639.....	5.00.....	20,000.....	1641.....	5.00.....
Peabody Coal Company, River King.....	New Athens.....	St. Clair.....	4,000.....	1640.....	10.00.....	250,000.....	1642.....	5.00.....
Hercules Powder Company.....	Freeburg.....	St. Clair.....	4,000.....	1643.....	5.00.....	6,000.....	1643.....	5.00.....
Ozark Minerals Company.....	Ellettsville.....	Alexander.....	500.....	1645.....	5.00.....	300.....	1646.....	5.00.....
Sankey Hardware.....	Crawford.....	Crawford.....	3,000.....	1647.....	5.00.....	3,000.....	1648.....	5.00.....
Tamm Industries Company.....	Tamm.....	Alexander.....	3,000.....	1647.....	5.00.....	3,000.....	1648.....	5.00.....

Trojan Powder Company	Quincy	Adams	1649	10.00	150,000	1651	5.00
Trojan Powder Company	Quincy	Adams	1650	10.00			
Trojan Powder Company	Marion	Williamson	1652	25.00			
Trojan Powder Company	Marion	Williamson	1653	25.00			
Trojan Powder Company	Marion	Williamson	1654	25.00			
Trojan Powder Company	Marion	Williamson	1655	25.00			
Trojan Powder Company	Marion	Williamson	1656	25.00			
Trojan Powder Company	Marion	Williamson	1657	25.00			
Trojan Powder Company	Marion	Williamson	1658	25.00			
Trojan Powder Company	Marion	Williamson	1659	15.00			
Trojan Powder Company	Romeo	Will	1660	15.00			
Trojan Powder Company	Romeo	Will	1661	15.00			
Trojan Powder Company	Romeo	Will	1662	15.00	100,000	1663	5.00
Trojan Powder Company	Wolf Lake	Union	1664	25.00			
Trojan Powder Company	Wolf Lake	Union	1665	25.00			
Trojan Powder Company	Wolf Lake	Union	1666	25.00			
Trojan Powder Company	Wolf Lake	Union	1667	25.00			
Trojan Powder Company	Wolf Lake	Union	1668	25.00			
Trojan Powder Company	Wolf Lake	Union	1669	25.00			
Columbia Quarry Company	Valmeyer	Monroe	1670	5.00	500	1671	5.00
Columbia Quarry Company	Columbia	St. Clair	1672	15.00	50,000	1673	5.00
Columbia Quarry Company	Valmeyer	Monroe	1675	5.00	25,000	1674	5.00
Columbia Quarry Company	Dupo	Monroe	1676	5.00			
Columbia Quarry Company	Karnak	St. Clair	1677	5.00			
Columbia Quarry Company	Ullin	Massac	1679	5.00	10,000	1678	5.00
Columbia Quarry Company	Ullin	Pulaski	1681	10.00	10,000	1680	5.00
Columbia Quarry Company	Ullin	Pulaski	1683	10.00	20,000	1682	5.00
Huelsmann Quarry, Inc.	Carlyle	Clinton	1684	5.00			
Orton Quarry	Hillview	Greene	1685	5.00	5,000	1685	5.00
Jonesboro Stone Company	Anna	Union	1686	5.00	2,000	1687	5.00
Truax-Tracer Coal Company	Elkville	Jackson	1688	5.00	3,000	1689	5.00
Truax-Tracer Coal Company	Pickneyville	Perry	1690	10.00	25,000	1691	5.00
Winter's Stone Quarry	Stewardson	Shelby	1694	5.00	35,000	1693	5.00
Winter's Stone Quarry	Ramsey	Fayette	1696	5.00	10,000	1695	5.00
Farley Bros. Mining Co., Black Dot #2	DeSoto	Jackson	1698	5.00	10,000	1697	5.00
Ford River Stone Company	Elgin	Kane	1699	5.00	100	1700	5.00
Pontiac Stone Company	Pontiac	Livingston	1701	5.00	10,000	1702	5.00
"J" Truck Line, Incorporated	Crab Orchard	Menard	1703	5.00	50	1704	5.00
Crab Orchard Cooperative Coal Co.	Junction	Williamson	1705	5.00	1,000	1706	5.00
B & W Coal Company	Geneseo	Gallatin	1708	5.00			
Ralph E. Johnson	Peabody Coal Company, Utility Mine	Henry	1709	5.00	1,500	1709	5.00
B & W Coal Company	Shoots Stone Quarry	Williamson	1712	10.00	20,000	1711	5.00
State Line Explosives, Incorporated	Rockton	Gallatin	1713	5.00			
Clay Products Company	Springfield	Salem	1715	10.00	2,000	1714	5.00
Midwest Stone Company	Anna	Winneshago	1717	5.00	5,000	1716	5.00
Frank N. Butler Company	Lee Center	Union	1720	5.00	30,000	1718	5.00
Storme Mining Company	Crab Orchard	Williamson	1722	5.00	900	1721	5.00
Trojan Powder Company	Marion	Williamson	1724	20.00	1,000	1723	5.00

Division of Oil and Gas

DIVISION OF OIL AND GAS

STATE OFFICE BUILDING, ROOM 112
400 South Spring Street
Springfield, Illinois

George R. Lane, Petroleum Engineer

OIL AND GAS BOARD

Chairman: L. L. Ruff, Director of the Department of Mines and Minerals

Members: Thomas V. Duncan, Fairfield, Illinois
E. E. Rue, King City Federal Building, Mt. Vernon, Illinois
Robert C. Cooper, Box 271, Olney, Illinois
H. L. Murray, Salem, Illinois

Petroleum Engineer.....	G. R. Lane, 2119 Grant Street, Springfield, Illinois
Hearing Officer.....	Noble Ferguson, 911 West Main, Decatur, Illinois
Clerk Typist.....	Constance Allen, 838 South Chestnut, Litchfield, Illinois
Clerk Typist.....	Joan Fellin, 533 Henry Street, Gillespie, Illinois
Clerk Typist.....	Georgia I. Gamble, 614 South Fourth, Springfield, Illinois
Clerk Typist.....	Shirley Trost, 630 West Edwards St., Springfield, Illinois
Clerk Typist.....	Judy Voyles, 524 North Douglas, Litchfield, Illinois
Clerk Stenographer.....	Carolyn Heninger, 2603 Beech Ave., Springfield, Illinois
Clerk Stenographer.....	Adele Scott, 319 West Cook Street, Springfield, Illinois

TABLE OF CONTENTS

WELLS PLUGGED IN 1964	PAGE
Adams County	50
Bond County	50
Brown County	50
Cass County	51
Christian County	51
Clark County	52
Clay County	53
Clinton County	56
Coles County	57
Crawford County	58
Cumberland County	62
DeWitt County	62
Douglas County	63
Edgar County	63
Edwards County	63
Effingham County	64
Fayette County	64
Ford County	65
Franklin County	65
Fulton County	66
Gallatin County	66
Greene County	67
Hamilton County	67
Hancock County	68
Henderson County	69
Jackson County	69
Jasper County	69
Jefferson County	70
Jersey County	71
Kankakee County	71
Knox County	71
Lawrence County	71
Livingston County	74
Logan County	74
McDonough County	75
McLean County	75
Macon County	75
Macoupin County	76
Madison County	76
Marion County	76
Mason County	77
Monroe County	77
Montgomery County	77
Morgan County	78

	PAGE
Moultrie County	78
Perry County	78
Piatt County	78
Pike County	78
Randolph County	79
Richland County	79
St. Clair County	80
Saline County	80
Sangamon County	81
Schuyler County	82
Shelby County	83
Tazewell County	83
Union County	83
Wabash County	83
Washington County	84
Wayne County	85
White County	86
Williamson County	88

PRODUCING OIL WELLS (Permits Completed 1964)

Adams County	89
Bond County	89
Christian County	89
Clark County	89
Clay County	90
Clinton County	92
Coles County	93
Crawford County	94
Cumberland County	95
DeWitt County	96
Douglas County	96
Edgar County	96
Edwards County	96
Effingham County	97
Fayette County	97
Franklin County	98
Gallatin County	99
Hamilton County	100
Jasper County	101
Jefferson County	101
Lawrence County	101
McDonough County	105
McLean County	105
Macon County	105
Madison County	106
Marion County	106

	PAGE
Perry County	107
Randolph County	107
Richland County	107
St. Clair County	108
Saline County	108
Sangamon County	108
Wabash County	108
Washington County	110
Wayne County	110
White County	111
Williamson County	112

WATER INPUT WELLS—1964

Christian County	20
Clark County	20
Clay County	20
Clinton County	21
Coles County	21
Crawford County	21
Edwards County	23
Effingham County	24
Fayette County	24
Franklin County	27
Gallatin County	28
Hamilton County	28
Jasper County	32
Jefferson County	32
Lawrence County	33
Macoupin County	37
Madison County	37
Marion County	37
Richland County	40
Saline County	40
Wabash County	40
Washington County	40
Wayne County	43
White County	47

WATER INPUT WELLS—1964	20
------------------------------	----

WATER SUPPLY WELLS—1964	17
-------------------------------	----

SALT WATER DISPOSAL WELLS—1964	11
--------------------------------------	----

AIR INPUT	16
-----------------	----

GAS INPUT WELLS—1964	16
----------------------------	----

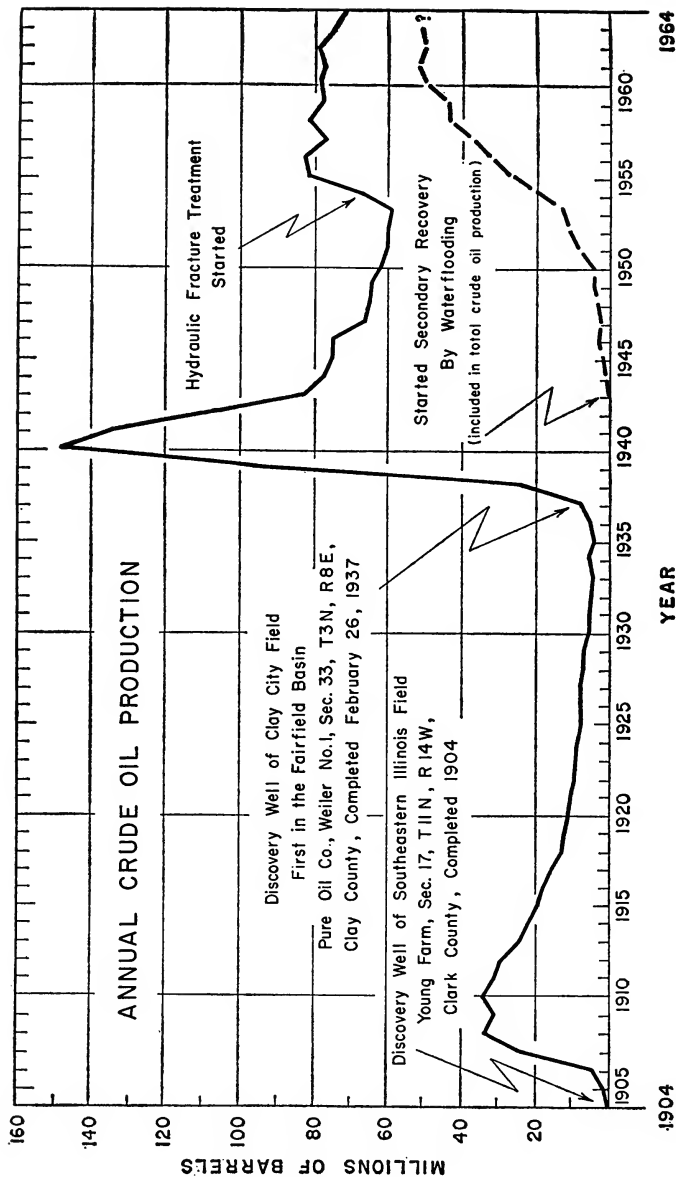
SUMMARY BY COUNTIES OF THE NUMBER OF PER- MITS ISSUED, OIL WELLS COMPLETED, AND WELLS PLUGGED DURING 1964	50
---	----

MINING BOARD ORDERS	113
---------------------------	-----

THE MOST ACTIVE OPERATORS IN ILLINOIS DURING 1963 ON THE BASIS OF OIL PERMITS ISSUED

FIRST:	Marathon Oil Company, 650 Cherry St., Terre Haute, Indiana
SECOND:	Texaco, Inc., Box 299, Salem, Illinois
THIRD:	Victor R. Gallagher, 312 Court Building, Evansville, Indiana
FOURTH:	*Garland & Hoovler, 306 Peoples Bank, Bloomington, Illinois *Basin Oil & Refining Company, Box 43, St. Elmo, Illinois
FIFTH:	*Humble Oil & Refining Co., Box 43, St. Elmo, Illinois *E. G. Welker, 1350 N. Broadway, Salem, Illinois
SIXTH:	Jet Oil Company, Prudential Plaza, Chicago, Illinois
SEVENTH:	National Associated Petroleum Company, 719 Main St., Mt. Vernon, Illinois
EIGHTH:	The Pure Oil Company, Box 311, Olney, Illinois
NINTH:	Schaefer Oil Company, Box 35, Mattoon, Illinois
TENTH:	John Zanetis, Box 529, Olney, Illinois
ELEVENTH:	The Superior Oil Company, Box 31, Crossville, Illinois
TWELFTH:	*Hanson Oil Company, Louisville, Illinois *C. E. Skiles, Box 251, Mt. Carmel, Illinois
THIRTEENTH:	*M. H. Richardson, 65 S. Shores Drive, Decatur, Illinois *Earnest Zink, RR #3, Paris, Illinois
FOURTEENTH:	Indiana Farm Bureau Coop. Assn., Inc., Box 271, Mt. Vernon, Indiana
FIFTEENTH:	*Joe Simpkins, 230 Bemiston, Clayton, Missouri *Illinois Lease Operating Company, Ashley Road, Mt. Vernon, Illinois *Estate of J. W. Rudy, Box 485, Clay City, Illinois *E. L. Whitmer, Box 595, Lawrenceville, Illinois

* Denotes that the operator was tied for the respective place because of an equal number of permits having been issued to another operator.



DIVISION OF OIL AND GAS

The Division of Oil and Gas of the Department of Mines and Minerals is required to enforce the provisions of "An Act in Relation of Oil, Gas, Coal and Other Surface and Underground Resources," and the Rules and Regulations formulated pursuant to the provisions of the Act.

It is the duty of the Division to see that oil wells are properly spaced; to control the drilling and plugging of oil wells and wells drilled in connection therewith; to see that necessary precautions are observed to protect the workable coal seams through which wells are drilled and to prevent pollution of land and fresh water supplies resulting from oil field operations.

Permits must be obtained from the Division of Oil and Gas before wells are drilled for oil, gas, watersupply, water input, gas input, air input, salt water disposal, and structure test. In 1964, 2,969 such permits were issued. The Law requires that for each well drilled or acquired, the operator must furnish the Division with bond coverage to guarantee the eventual plugging of the well and the satisfactory restoration of the well site. The State oil well inspectors are in attendance to supervise the plugging of all abandoned drill holes, which in 1964 numbered 1,551.

The Division furnishes copies of permits and plugging affidavits to the State Geological Survey, and is charged with the responsibility to seeing that well logs and cuttings are sent to the Survey. The Division also receives and records completion data on wells drilled.

The Rules and Regulations of the Division provide for the calling of public hearings, upon written request of any interested person, for the purpose of taking action with regard to any matter within the jurisdiction of the Department. All such hearings are made of record in the Division and are open to public inspection.

The Oil and Gas Board consists of four members and the Director of the Department, and is subject to call by the Mining Board for advice and consultation on matters pertaining to the oil and gas industry.

LIST OF OIL WELL INSPECTORS AND THEIR RESPECTIVE DISTRICTS

Effective March 1, 1965

State Office Building, 400 S. Spring St., Springfield, Illinois

George R. Lane, Petroleum Engineer, 2119 Grant Street, Springfield, Illinois — Telephone 529-3495

Oil Well Inspectors	Telephone	Counties Served
Bond, Joseph H., R.R. #2, Crossville.....	4953	White
Burton, Lester, R.R. #3, Martinsville.....	8838	Clark, Edgar
Byars, Wallace W., R.R. #1, Texico.....	618-534-6421	Marion
Funkhouser, Wm., 506 S. Barton, Newton.....	218	Cumberland, Jasper
Garman, Harold A., 205 N. 7th, Albion.....	492	Edwards
Gibson, Harold G., R.R. #1, Blue Mound.....	217-692-2671	Christian, Sangamon, Macon, Logan, DeWitt
Gray, Richard R., Box 2, Charleston.....	217-345-5622	Champaign, Coles, Douglas, Kankakee, LaSalle, McLean, Moultrie, Piatt
Griffy, Delbert L., R.R. #5, Louisville.....	618-665-4095	Clay, Effingham
Martin, Tom L., 1304 E. St. Louis, West Frankfort.....	618-937-1200	Franklin
Molinar, Dominic, 721 E. Clay, Collinsville.....	618-344-0582	Madison, Monroe, St. Clair, Bond
Payne, Rosier L., Box 503, Mt. Vernon.....	618-242-5951	Jefferson, Perry, Randolph
Pfimmer, Chas. L., New Canton.....	217-426-2541	Adams, Brown, Cass, Fulton, Hancock, Henderson, McDonough, Morgan, Pike, Schuyler, Scott, Whiteside
Ragen, Herschel, R.F.D. 4, Carlyle.....	618-594-3338	Clinton, Washington
Shipley, Wm., 208 N. West, Olney.....	618-392-7781	Richland
Sork, Marshall E., R.R. #4, Fairfield.....	618-842-3476	Wayne
Spond, Cleo, R.R. #3, Mt. Carmel.....	618-262-7694	Wabash
St. Pierre, Max M., Beecher City.....	618-487-4201	Fayette, Shelby
Tucker, Eudel F., R.R. #1, Dahlgren.....	618-736-2425	Hamilton
Warner, Errett, R.R. #3, Lawrenceville.....	1472	Lawrence
Watts, Samuel H., 307 W. Market, Palestine.....	618-586-2425	Crawford
Wenzel, Mike, Box 60, Mt. Clare.....	217-835-2040	Greene, Jersey, Macoupin, Montgomery
Wilson, Ivan, 2108 Pine, Eldorado.....	618-273-9182	Gallatin, Hardin, Pope, Saline
FIELD SUPERVISOR		
Rogers, Charles, 504 N. 20th, Herrin.....	618-942-3994	Alexander, Jackson, Johnson, Massac, Pulaski, Union, Williamson

SUMMARY BY COUNTIES OF THE NUMBER OF PERMITS ISSUED,
OIL WELLS COMPLETED AND WELLS PLUGGED DURING 1964

County	Total fee permits issued in 1964	Oil wells completed in 1964	Plugged wells completed in 1964	Number of Other Fee Permits Issued							
				Salt water disposal	Water input	Structure test	Observation well	Water supply	Gas input	Air input	Gas storage
Adams.....	11		13			2					
Bond.....	6	1	12	1							
Brown.....	25		29								
Bureau.....						4					
Cass.....	1		1								
Champaign.....											
Christian.....	45	16	53	5	2	2	4	5	1		
Clark.....	49	24	34		16	1		1			
Clay.....	122	70	112	8	25						
Clinton.....	92	34	79	6	10	3		1			
Coles.....	50	35	20		9	5					
Crawford.....	79	58	173		78	17	3	3	17	1	5
Cumberland.....	23	10	13	1							
DeWitt.....	31	12	14	2		1		1			
Douglas.....	3		10	1					1		2
Edgar.....	9	2	6			1	12				
Edwards.....	29	18	23	3	15						
Effingham.....	32	8	27	2	10			2			
Fayette.....	30	29	22	2	64		4	1			
Ford.....	1		1			6					
Franklin.....	79	38	45	3	10			5			
Fulton.....	3		2								
Gallatin.....	17	17	22	3	12			1			
Greene.....	3		2								
Grundy.....											
Hamilton.....	30	17	57	4	81	16		8			
Hancock.....	6		5								
Henderson.....	1		1								
Henry.....						11					
Jackson.....	6		2								
Jasper.....	30	14	53	12							
Jefferson.....	38	18	45	9				4			
Jersey.....	2		1								
Kankakee.....	1					13	5				8
LaSalle.....						14	3				10

Summary by Counties of the Number of Permits Issued, Oil Wells Completed and Wells Plugged During 1964—concluded

County	Total fee permits issued in 1964	Oil wells completed in 1964	Plugged wells completed in 1964	Number of Other Fee Permits Issued							
				Salt water disposal	Water input	Structure test	Observa- tion well	Water supply	Gas input	Air input	Gas storage
Lawrence.....	148	114	143	4	95	4					
Lee.....	2		1			136	1				2
Livingson.....	4		3								
Logan.....	4	1	28								
McDonough.....	32	1	17			6					
McLean.....	10	2	3								
Macon.....	10		3		3						
Macoupin.....	4		22			1		1		1	
Madison.....	17	1	33	5	95						21
Marion.....	64	33									
Marshall.....	1										
Mason.....			1								
Monroe.....			7								
Montgomery.....	8		2								
Morgan.....	3		2								
Moultrie.....	3		2								
Ogle.....						31	6		6		4
Perry.....	12	6	7								
Piatt.....	5		5			2					
Pike.....	2		1								
Pope.....			2								
Pulaski.....			1								
Randolph.....	3		5				1				
Richardson.....	43	30	63	11	15			2			
St. Clair.....	9	1	7								
Saline.....	10	5	26	1	7			2			
Sangamon.....	75	17	54	1							
Schuyler.....	2		2								
Scott.....											
Shelby.....	7		9	1	1						
Tazewell.....	1		1								
Union.....			2								
Wabash.....	97	50	33	6	95			2			
Washington.....	43	7	37	2	3						
Wayne.....	59	38	71	10	108			5			
White.....	71	38	81	13	54						
Williamson.....	6	2	3								
	1598	767	1551	117	812	277	39	45	25	3	53

SALT WATER DISPOSAL WELLS (Permits Issued in 1964)

Operator	Well (* = Converted Well)	Location	Formation	Elev.
BOND COUNTY				
Richard Gusewelle.....	*Wall #2.....	330°S 330°E NWc SW SE NW Sec. 21 6N 4W.....	Dutch Creek 1860'.....	G.L. 492.9'
CHAMPAIGN COUNTY				
Peoples Gas Light & Coke Co.....	*A. G. Hunt #3.....	43. 25°S 168. 1°E NWc NE Sec. 16 21N 7E.....	Emimence-Potosi 2440'-2855'.....	G.L. 737. 7'
Peoples Gas Light & Coke Co.....	*G. Webster #1.....	33. 7°S 52. 7°W NEc NW NE Sec. 17 21N 7E.....	Emimence-Potosi 2516'.....	G.L. 749. 1'
CHRISTIAN COUNTY				
Fear and Duncen.....	*Park #1.....	330°S 330°E NWc NE SW Sec. 10 14N 2W.....	Silurian 1989'-2011'.....	G.L. 600'
Fear and Duncen.....	*Kelley #1.....	340°S 330°W NEc NW NW Sec. 15 14N 2W.....	Silurian 1994'-2011'.....	G.L. 598. 6'
M. and N. Oil Company.....	*Tina Ballou #1.....	330°N 330°W SEc NE NW Sec. 7 14N 3W.....	Cypress 540'-620'.....	G.L. 551'
Mansfield Properties.....	*Armstrong #1-A.....	330°S 170°W NEc NW Sec. 31 15N 1W.....	Silurian 1920'.....	
Jack Robinson.....	*Igo #6.....	330°S 330°W NEc NW SW Sec. 23 15N 2W.....	Salem 1120'-1130'.....	G.L. 606'
CLAY COUNTY				
Harmony Oil Corporation.....	*Tra Woomer #1-A.....	330°S 370°W NEc NW NW Sec. 1 2N 5E.....	Aux Vases 2776'-2812'.....	G.L. 525'
East Central Development Co., Inc.....	*Good Community #1.....	330°S 330°W NEc SE Sec. 14 2N 5E.....	Cypress 2500'-2509'.....	G.L. 482'
Southern Illinois Oil Producers, Inc.....	*Bissey Heirs #1.....	330°S 330°W NEc SE NW Sec. 2 2N 7E.....	McCloskey 3068'-3072'.....	G.L. 448'
The Pure Oil Company.....	*Bunn Consolidated #2.....	660°S 330°E NWc SE Sec. 16 2N 8E.....	McCloskey 2984'-3090'.....	G.L. 466'
Keystone Oil Company.....	*Grover Bible #1.....	330°S 330°W NEc SW Sec. 9 4N 7E.....	Cypress 2600'-2610'.....	G.L. 498'
Frank M. Cooper, Jr.....	*Dillman #1 SWD.....	330°S 330°E NWc SW SE Sec. 13 4N 7E.....	Penn. 746'-850'.....	D.F. 463'
Delbert Runyon Oil Producers, Inc.....	*U. S. Bland #1.....	330°N 330°E SEc NE NE Sec. 23 4N 7E.....	Penn. 850'-900'.....	G.L. 507'
Keystone Oil Co.....	*Carter #3 SWD.....	330°N 350°W SEc NE NW Sec. 24 5N 7E.....	Cypress 2620'-2630'.....	
CLINTON COUNTY				
Herman Graham.....	*William Hanseman #1.....	165°S 165°W NEc SW NW SE Sec. 1 1N 1W.....	Devonian 2878'-2887'.....	G.L. 456'
M. D. Burkett Oil Properties.....	*Berry Community #1 SWD.....	330°N 330°E SWc NE SW Sec. 8 1N 2W.....	Tar Springs 900'-950'.....	G.L. 445'
N. A. Baldrige.....	*Crocker #2.....	990°N 330°W SEc SW SW Sec. 8 1N 2W.....	Tar Springs 900'-950'.....	G.L. 447. 5'
G. & I. Oil Company.....	*Hergan #1.....	330°S 330°E NWc SE NE Sec. 13 1N 4W.....	Cypress 985'.....	G.L. 441'
T. M. Conrey.....	*Maschhoff #2.....	400°S 430°W NEc NW Sec. 28 2N 1W.....	Benoist 1460'-1415'.....	G.L. 478'
W. C. McBride, Inc.....	*Lillie Schroeder #7.....	330°S 330°W NEc SW SE Sec. 31 4N 3W.....	Silurian 2245'-2262'.....	G.L. 459'

SALT WATER DISPOSAL WELLS—Continued
(Permits Issued in 1964)

Operator	Well (* = Converted Well)	Location	Formation	Elev.
CUMBERLAND COUNTY				
Forest Oil Corporation.....	Goodman Brothers #4.....	600'S 820'E NWc SE Sec. 13 10N 10E.....	3rd Siggins 621'.....	G.L. 630'
DeWitt County				
E. H. Kaufman.....	Kelley #2 SWD.....	330'N 330'E SWc NE SW Sec. 35 21N 4E.....	St. Peter 2300'-2550' Galesville 3800'-4100' Mt. Simon 4500'-5000'	G.L. 744. 6
E. H. Kaufman.....	T. McKinley #2-SWD.....	330'N 330'W SEc NW SW Sec. 35 21N 4E.....	St. Peter 2300'-2500' Galesville 3900'-4100' Mt. Simon 4550'-5000'	G.L. 746. 5'
DOUGLAS COUNTY				
R. D. Ernest.....	*Schweighart "SW" #4.....	330'S 330'W NEc SE NE Sec. 4 10N 8E.....	Trenton 935'-1065'.....	G.L. 684'
EDWARDS COUNTY				
Collins Brothers Oil Co.....	*Bond "B" SWD #1.....	330'N 330'E SWc NW Sec. 9 1S 10E.....	Tar Springs 2596'-2988'	G.L. 405'
George H. Wickham.....	*Grant Broster #2-SWD.....	330'S 330'W NEc SW NE Sec. 34 2S 11W.....	Benoist 2762'-2793'	G.L. 432'
C. E. Brehm Drilling & Producing.....	*Michels #1.....	295'S 330'E NWc SW SE Sec. 11 3S 10E.....	Penn. 1910'-1950' Brehl.....	D.F. 544'
EFFINGHAM COUNTY				
Don Randall.....	*Black Etal Community #1.....	330'N 360'E SWc NW SW Sec. 6 8N 4E.....	Tar Springs 1100'-1230'	G.L. 581'
Budd Mansfield.....	*W. Doty #1.....	183'S 330'E NWc Sec. 7 8N 4E.....	Tar Springs 1276'-1400'	G.L. 461'
FAYETTE COUNTY				
Fred G. W. Easterday, Tr.....	*Wagner Heirs #5.....	400'N 330'E SWc NW NE Sec. 30 6N 3E.....	Benoist 1757'-1787'	G.L. 582'
Fear and Duncan.....	*Bennyhoff SWD #1.....	330'N 330'E SWc NW NE Sec. 31 6N 3E.....	Cypress 1620'-1630'	G.L. 583'
FRANKLIN COUNTY				
Illinois Lease Operating Co., Inc.....	Herman Moore #1.....	330'N 315'E SWc SE SW Sec. 20 5S 3E.....	1330'-1380'	G.L. 452'
Illinois Lease Operating Co., Inc.....	Herman Moore #3.....	330'N 330'W SEc NE SW Sec. 20 5S 3E.....	1330'-1380'	G.L. 490'
Barron Kidd.....	*Rea #5.....	415'S 315'W NEc SW Sec. 8 6S 2E.....	Aux Vases 2672'-2690'	G.L. 442. 87'

GALLATIN COUNTY

John B. Murvin

Autumn Oil Co.

M. J. Williams

HAMILTON COUNTY

C. E. Brehm Drilling & Producing

Collins Brothers Oil Co.

Gulf Oil Corporation

C. E. Brehm Drilling & Producing

JASPER COUNTY

Don Slape Operating Co.

Charles Keyser

The Pure Oil Co.

The Pure Oil Co.

The Pure Oil Co.

Don Slape Operating Co.

Space Petroleum

Parrish and Ensminger

The Pure Oil Co.

Fred T'Anson, Trustee, Illinois Oil

Indenture & Settlement Agreement

Fred T'Anson, Trustee under Illinois Oil

Indenture & Settlement Agreement

Parrish & Ensminger

JEFFERSON COUNTY

Leo Dare

Leo Dare

Gulf Oil Corporation

W. C. McIndrie, Inc.

Easton Oil Company

Eastern Petroleum Company

Tascan, Inc.

Elihu McIndrie

Shakespeare Oil Co., Inc.

*F. J. Johnson #2

*Harry Hines #1

*Logsdon #2

*R. Spruell #7

*Elmer Woodrow SWD #1

*West Rural Hill Unit #0-2 SWD

*Sanders Etal #1

*Thomas #1 SWD

*C. S. Byrnes #2

*W. S. Rotramel #1

*I. W. Dickerson "A" #2

*Rush Parnell #1

*Salvers #3-SWD

*D. M. Hunt #6

*Bergbower #2

*Matilda Ritz "B" #2

*Kerner-Schafer #1

*A. G. Kerner #1

*Joe Menke #2

Beckmeyer #2-D

Brooks #3-T

*West Hill Unit #B-4SWD

*C. Burkhardt #1

*T. Henry #1-SWD

*H. J. Correll #4

*Torre Glass Preserve "B" NCT-3-45

*Willie #1-SWD

*Mace "C" #4

330°N 330°W SEc NW SE Sec. 24 7S 8E

990°S 990°W NEc SE Sec. 20 7S 10E

330°N 330°W SEc NE Sec. 1 9S 9E

330°N 330°E SWc NE SE Sec. 16 4S 7E

330°N 330°E SWc NW NW Sec. 28 4S 7E

450°N 880°W SEc SW Sec. 14 6S 5E

330°S 330°W NEc NW SE Sec. 9 7S 5E

330°N 330°E SWc NW SE Sec. 12 5N 9E

330°N 330°E SWc NW SW Sec. 8 5N 10E

660°N 330°E SWc SE Sec. 8 5N 10E

670°N 994°E SWc NW Sec. 17 5N 10E

669°N 330°W SEc NE Sec. 18 5N 10E

330°N 330°E SWc NE NW Sec. 34 6N 9E

330°S 330°W NEc NW SE Sec. 36 6N 9E

330°S 330°W NEc Sec. 5 6N 10E

660°S 330°W NEc NW NE Sec. 16 6N 10E

330°N 330°W SEc NW NW Sec. 28 7N 10E

330°S 330°W NEc NW Sec. 28 7N 10E

330°N 330°W SEc NE NW Sec. 33 7N 10E

330°N 10°E SWc NW SE Sec. 6 1S 1E

330°S 235°E NWc SW SE Sec. 6 1S 1E

330°N 210°E SWc SE Sec. 14 1S 4E

330°N 330°E SWc NE Sec. 35 2S 1E

660°N 660°W SEc SE Sec. 13 2S 4E

330°S 330°W NEc SW Sec. 14 2S 4E

330°S 330°W NEc NW Sec. 21 3S 3E

330°S 330°W NEc NW Sec. 33 3S 3E

330°N 330°E SWc Sec. 34 3S 3E

Palestine 2030'-2050'

Tar Springs 2200'

Cypress 2700'

Aux Vases 2742'-2764'

Renault 3267'-3287'

Cypress 3100'-3150'

Cypress 2866'-2915'

Aux Vases 3287'-3293'

Cypress 2650'-2750'

Cypress 2586'-2613'

Aux Vases 2702'-2742'

McClosky 2771'-2825'

McClosky 2790'-2821'

Cypress 2543'-2552'

Aux Vases 2735'-2780'

McClosky 3080'-3100'

Cypress 2700'-2780'

McClosky 2824'-2834'

Cypress 2480'-2525'

Rosiclare 2786'-2793'

Rosiclare 2794'

McClosky 2774'-2782'

Penn. 1330'-1350'

Penn. 1200'-1210'

Penn. 1350'-1547'

Penn. 1905'-1988'

Aux Vases 2640'-2660'

Aux Vases 2835'-2943'

Aux Vases 2790'-2728'

Cypress 2490'-2510'

Aux Vases 2708'-2724'

G.L. 387'

G.L. 369'

D.F. 363'

G.L. 404'

G.L. 457'

G.L. 437'

G.L. 545'

G.L. 511'

D.F. 491'

D.F. 499'

D.F. 504'

G.L. 550'

G.L. 569'

G.L. 533'

D.F. 524'

G.L. 524'

G.L. 535'

G.L. 534'

G.L. 547'

G.L. 548'

G.L. 461'

G.L. 465'

G.L. 490'

G.L. 491'

D.F. 452'

G.L. 478'

G.L. 444'

SALT WATER DISPOSAL WELLS—Concluded
(Permits Issued in 1964)

Operator	Well (* = Converted Well)	Location	Formation	Elev.
LAWRENCE COUNTY				
Wayne Smith, Operator	M. Vanwey #SWD-1	20°N 20°W Sec. 23 2N 12W	Waltersburg 1410'-1450'	G.L. 428'
W. C. McBride, Inc.	*N. M. Rogers #6	135°N 330°W Sec. NE NE NW Sec. 14 3N 12W	McClosky 1760'-1785'	G.L. 435'
Baldwin & Baldwin	*O'Donnell #W-42	1320°W Sec. NE SE Sec. 17 3N 12W	Basal Penn. 1356'-1378'	G.L. 434'
W. C. McBride, Inc.	*T. E. Combs #20	600°N 330°E SW NE SW Sec. 20 4N 12W	Bridgeport 896'-934'	G.L. 434'
MARION COUNTY				
W. R. & Dona Kuykendall	*Silas Coppel #1	330°S 330°W NE NE SW SW Sec. 29 1N 1E	Penn. 870'-890'	G.L. 555'
Ed Seibel	*Seibel #3	330°N 990°E SW NE NE NW Sec. 10 1N 2E	Rosiclare 2140'-2150'	K.B. 464'
William J. Pfeffer	*Meyers-Summerville Comm. #1	330°N 330°W Sec. NE NE SW Sec. 16 1N 2E	Benoist 1923'-1928'	G.L. 554'
Russell Richards & Frank Richards	*W. D. Smith #2	330°S 330°E NW NE NE NE Sec. 28 1N 2E	Rosiclare 2100'	G.L. 538'
Joe Dull	*M. A. Bruce Disposal Well #1	330°N 330°W Sec. NW Sec. 34 1N 2E	Rosiclare 2184'-2192'	G.L. 500'
RICHLAND COUNTY				
Continental Oil Company	*E. G. Woods #3	660°S 330°E NW NE SE SE Sec. 21 2N 14W	McClosky 3056'-3060'	G.L. 438'
Continental Oil Company	*East Noble Waterflood Unit Well #3	330°N 330°E SW NE NE SW NW Sec. 11 3N 9E	Lower Cypress 2690'-2700'	G.L. 467'
The Pure Oil Company	*William Schwarz #1	330°N 330°W Sec. NE N Half Fractional NW Sec. 18 4N 9E	McClosky 2975'-2999'	
The Pure Oil Company	*South Noble Consolidated			
The Pure Oil Company	R. S. Shatto #1	660°S 821°W NE NE Frac. SW Sec. 30 3N 9E	McClosky 2971'-3062'	D.F. 451'
The Pure Oil Company	*Mary Dauman #2	672°S 1017°W NE NE SE Sec. 12 4N 9E	Aux Vases 2857'-2867'	
John M. Zanetis	*Keen #4	330°N 660°E SW NE NW Sec. 12 4N 9E	McClosky 2918'-2960'	D.F. 552'
The Pure Oil Company	*Susannah Tatman #2	330°S 660°W NE Sec. 33 4N 9E	Cypress 2648'-2655'	G.L. 559'
Pyramid Oil Company	*Harrell-Hunley #1	330°S 330°E NW NE NW Sec. 35 4N 9E	Lower Cypress 2700'-2730'	G.L. 507'
The Pure Oil Company	*John H. Wachtel A #1	660°S 330°E NW NE Frac. SW Sec. 6 4N 10E	McClosky 2950'-2960'	
Kenneth C. Bell	*Dundas South Unit SWD #1	320°S 150°E NW NE NW Sec. 10 4N 10E	McClosky 2854'-2930'	G.L. 495'
The Pure Oil Company	*Cora M. Clark #1	330°N 330°E SW Sec. 31 5N 10E	Penn. 1700'-1900'	G.L. 467' 28'
			Cypress 2600'-2650'	D.F. 482'
			Aux Vases 2770'-2784'	
SALINE COUNTY				
Collins Brothers Oil Company	*Paul Jones SWD #1	330°S 330°W NE NE SW NW Sec. 19 7S 5E	O'Hara 3202'-3210'	D.F. 455'
SANGAMON COUNTY				
H. K. Pratt & Alvin N. Roth	John Akin #2	330°N 330°E SW NE SE Sec. 17 15N 3W	Silurian	G.L. 564.5'

WABASH COUNTY

Beutlingmann & Kieffer Bros.	*J. T. Price #5.	302°N 420°E SWc NW Sec. 14 1N 12W.	Tar Springs 1628'	G.L. 449, 60'
Don H. Baldwin, Inc.	*Sisbert #2-A SWD.	50°S 330°E NWc SE SW Sec. 34 2N 13W.	Tar Springs 2100'	G.L. 473
The British-American Oil Producing.	*Higgins SWD #2.	330°S 330°E NWc SW NW Sec. 26 2N 14W.	McClosky 2830'-2897'	G.L. 438
Slure Oil Corporation.	*Wildie Comm. #1 Block "T".	110°N 65°W SWc SE NW Sec. 9 2S 13W.	Tar Springs 2615'-2368'	G.L. 433
Francis L. Beard & Son.	*Brewer #1 SWD.	532°S 162°W NEc SW Sec. 9 2S 13W.	Cypress 2410'	G.L. 437
Sohio Petroleum Company	*D. G. Updegraff "A" #SD-1.	185°S 596°W NEc SE NE SW Sec. 14 3S 14W.	Tar Springs 2200'-2250'	G.L. 377'

WASHINGTON COUNTY

Socoony Mobil Oil Co., Inc.	*Gill Estate #5.	330°N 330°W SEc SW NW Sec. 26 3S 3W.	Benoist 1259'-1286'	G.L. 524'
W. C. McBride, Inc.	*Aloys V. Hunleth #2.	330°S 380°E NWc NE NW Sec. 29 3S 4W.	Shurian 2237'-2266'	D.F. 512'

WAYNE COUNTY

The Nation Oil Company.	*Marvel Consolidated #2.	660°S 610°E NWc SE SE Sec. 15 1N 8E.	Penn. 1590'	D.F. 411'
Don Slape Operating Company.	*Thompson #6-SWD.	330°N 330°W SWc NE NW Sec. 26 2N 7E.	Cypress 2700'-2780'	G.L. 438'
M. J. Williams.	*Hilliard SWD #1.	330°S 660°E NWc NE SW Sec. 1 1S 6E.	Penn. 800'-850'	D.F. 454'
Ashland Oil & Refining Co.	*Hilliard Consolidated #1.	330°N 330°W SEc SW Sec. 11 1S 6E.	Cypress 2840'-2910'	G.L. 428'
Sam Tipps.	*C. M. Miller SWD #2.	330°N 330°W SEc SW NW Sec. 26 1S 7E.	Penn. 700'-800'	G.L. 440'
Cullum and Lawhead.	*Vurdulas #4.	330°N 330°W SEc NE NE Sec. 26 1S 7E.	Penn. 600'-700'	G.L. 419'
Sam Tipps.	*John B. Farris SWD #2.	330°S 330°E NWc NE NE Sec. 7 1S 8E.	Penn. 650'-800'	G.L. 449'
R. H. Weinert Estate.	*McConnell SWD #1.	212°N 100°W SEc NW NW Sec. 27 1S 8E.	McClosky 3204'-3236'	G.L. 436'
H. H. Weinert Estate.	*Weinert-Macpherson #8.	660°N 330°E SWc SW NW Sec. 3 2S 7E.	Hardinsburg 2744'-2784'	G.L. 379'
Cities Service Oil Company.	*Golden Gate Unit #7-SWD.	660°N 330°E SWc NW Sec. 33 2S 9E.		

WHITE COUNTY

The Pure Oil Company.	*W. B. Fox A-1.	1917°S 315°E NWc Frac. NW Sec. 19 3S 8E.	Aux Vases 3230'-3261'	D.F. 374'
Rhea Fletcher.	*Mary Glaze #3.	330°N 990°E SWc NW Sec. 31 3S 14W.	Penn. 1550'-1570'	G.L. 432'
Jarvis Bros. & Marcell, Inc.	*C. T. & E. Spencer SWD #1-A.	578.5°N 1230°E SWc Sec. Frac. 31 4S 11E.	Penn. 1600'-1750'	G.L. 432'
The Pure Oil Company.	*Calvin-Consolidated Ethal V.			
T. M. Bane.	*Potter #10.	330°N 100°E SWc NW Sec. 9 4S 14W.	Tar Springs 2240'-2310'	G.L. 377'
The Superior Oil Company.	*E. M. Fritton #31.	330°N 305°W SEc SE SW Sec. 20 4S 14W.	Penn. 700'	G.L. 383'
Autumn Oil Company.	*John Jacobs #1.	330°N 330°E SWc NW NW Sec. 23 4S 14W.	Tar Springs 2300'-2330'	G.L. 370'
The Pure Oil Company.	*H. B. Crozier "A" #4.	330°N 330°W SEc NW NW Sec. 24 5S 8E.	O'Hara 3136'	G.L. 397'
T. M. Bane.	*L. G. Griffith #SW-1.	330°N 330°E SWc NE SW Sec. 36 5S 8E.	Hardinsburg 2623'-2651'	G.L. 461'
Jarvis Brothers & Marcell, Inc.	*Aron E. Griffith #SW-1.	160°N 50°W SEc SW Sec. 16 5S 9E.	Penn. 700'	G.L. 412'
National Natural Pet. Co.	*L. G. Cleveland #1-W.	75°N 75°E SWc NW NE Sec. 1 6S 10E.	Tar Springs 2360'-2400'	G.L. 389'
Humboldt Oil & Refining Co.	*Otto Audsley SWD #1.	330°S 330°W NEc SE NW Sec. 17 6S 9E.	Lower Palestine 2074'	G.L. 374'
Paul S. Knight.	*C. S. Audsley #1.	330°S 330°W NEc NW NE Sec. 10 7S 9E.	Penn. 1610'-1690'	D.F. 344'
	*Hendrix #2.		Penn. 1550'	D.F. 444'

AIR INPUT WELLS

(Permits Issued in 1964)

Operator	Well (*—Converted Well)	Location	Formation	Elev.
COLES COUNTY				
Marathon Oil Company.....	E. H. Washburn #A1-1.....	688°N 545°W SEc Sec. 16 13N 14W.....	Penn. 410'-430'.....	G.L. 682'
CRAWFORD COUNTY				
Marathon Oil Company.....	Henry Weirich #A1-2 (Weirich Hrs. Comm.).....	660°N 50°E SWc NW Sec. 25 6N 13W.....	Robinson 900'-950'.....	G.L. 494'
MADISON COUNTY				
S. B. Schenk.....	Hoopengartner #5.....	330°S 660°E NWc NW NW SW Sec. 34 6N 6W.....	Pennsylvanian.....	G.L. 560.50'

GAS INPUT WELLS

(Permits Issued in 1964)

Operator	Well (*—Converted Well)	Location	Formation	Elev.
CHAMPAIGN COUNTY				
Peoples Gas Light & Coke Co.....	A. G. Hunt #3.....	43. 25°S 168. 1°E NWc NE Sec. 16 21N 7E.....	Mt. Simon 4200'.....	G.L. 737. 7'
COLES COUNTY				
Natural Gas Pipeline Co. of America.....	*Potsch-Schrock #1.....	990°S 330°W NEc SE NE SE Sec. 13 14N 7E.....	Cypress 1598'-1613'.....	G.L. 647'
Natural Gas Pipeline Co. of America.....	*Potsch-Schrock #3.....	330°N 330°W SEc NE SE Sec. 13 14N 7E.....	Cypress 1586'-1618'.....	G.L. 645. 5'
Natural Gas Pipeline Co. of America.....	*Coombe #A-1.....	330°N 330°W SEc NW SE Sec. 23 14N 7E.....	Cypress 1577'-1617'.....	G.L. 656. 77'
Natural Gas Pipeline Co. of America.....	*Coombe #A-2.....	990°S 990°E NWc NE SE Sec. 23 14N 7E.....	Rosiclare 1754'-1782'.....	G.L. 658. 42'
Natural Gas Pipeline Co. of America.....	*Coombe #C-1.....	330°N 2310°E SWc SE Sec. 23 14N 7E.....	Cypress 1600'-1610'.....	G.L. 656. 3'
Natural Gas Pipeline Co. of America.....	*Coombe #C-12.....	330°N 330°W SEc NE Sec. 23 14N 7E.....	Cypress 1613'-1627'.....	G.L. 658. 5'
Natural Gas Pipeline Co. of America.....	*Coombe #C-14.....	330°N 990°E SWc SE Sec. 23 14N 7E.....	Cypress 1580'-1600'.....	G.L. 648. 23'

WATER SUPPLY WELLS (Permits Issued in 1964)

Operator	Well (* = Converted Well)	Location	Formation	Elev.
DODGE COUNTY				
Natural Gas Pipeline Co. of America...	*Coombe #15.....	12°N 330°W Sec SW SE Sec. 23 14N 7E..	Tradewater 1145'-1195'	G.L. 555'
Natural Gas Pipeline Co. of America...	*Coombe #16.....	12°N 330°W Sec SW Sec. 23 14N 7E..	Tradewater 1168'-1224'	G.L. 559.82'
Natural Gas Pipeline Co. of America...	*Herschberger #1.....	990°S 2310°E NWc Sec. 26 14N 7E..	Cypress 1601'-1628'	G.L. 561.4'
Natural Gas Pipeline Co. of America...	*N. D. Stevens #1.....	330°S 330°W NWc SE Sec. 26 14N 7E..	Cypress 1608'-1636'	G.L. 561.3'
Natural Gas Pipeline Co. of America...	*Otto Stevens #1.....	330°S 330°W NWc SE Sec. 26 14N 7E..	Tradewater 1148'-1200'	G.L. 559'
Natural Gas Pipeline Co. of America...	*J. A. Young #1.....	1650°N 1650°E SWc Sec. 26 14N 7E..	Cypress 1622'-1634'	G.L. 557.1'
Natural Gas Pipeline Co. of America...	*Walter Young.....	990°N 330°W Sec NW Sec. 26 14N 7E..	Cypress 1591'-1614'	G.L. 555.7'
Natural Gas Pipeline Co. of America...	*Walter Young #2.....	990°N 330°W Sec NW Sec. 26 14N 7E..	Cypress 1595'-1625'	G.L. 555'
Natural Gas Pipeline Co. of America...	*D. C. Hamilton #1.....	330°S 330°W NWc NE Sec. 18 14N 8E..	Cypress 1585'-1596'	G.L. 555'
Natural Gas Pipeline Co. of America...	*Schaefer Hill Schrock #1.....	330°N 330°E SWc NW SW Sec. 18 14N 8E..	Cypress 1594'-1615'	G.L. 555'
DODGE COUNTY				
Natural Gas Pipeline Co. of America...	F. T. Miller #2.....	1,000°N 60°E SWc Sec. 8 14N 8E..	Cypress 1550'-1650'	G.L. 532.2'
OGLE COUNTY				
Natural Gas Pipeline Co. of America...	Otto Bott #1.....	4012°N 1253°W Sec Sec. Irreg. 2 23N 7E..	Mt. Simon 1050'-1200'	G.L. 900'
Natural Gas Pipeline Co. of America...	Otto Bott #2.....	665°N 382°W Sec Sec. Irreg. 2 23N 7E..	Mt. Simon 1050'-1200'	G.L. 878'
Natural Gas Pipeline Co. of America...	Bott #3.....	665°N 382°W Sec Sec. Irreg. 2 23N 7E..	Mt. Simon 1050'-1200'	G.L. 878'
Natural Gas Pipeline Co. of America...	Cyler #4.....	665°N 382°W Sec Sec. Irreg. 2 23N 7E..	Mt. Simon 1050'-1200'	G.L. 878'
Natural Gas Pipeline Co. of America...	Cyler #5.....	5282°N 3932°W Sec Sec. Irreg. 2 23N 7E..	Mt. Simon 1050'-1200'	G.L. 905'
Natural Gas Pipeline Co. of America...	Cyler #6.....	5108°N 3145°W Sec Sec. Irreg. 2 23N 7E..	Mt. Simon 1050'-1200'	G.L. 898.8'
CHAMPAIGN COUNTY				
Peoples Gas Light & Coke Co.....	A. C. Hinton #2.....	46, 0°S 59, 4°E NWc NE Sec. 9 21N 7E..	Mt. Simon 4200'	G.L. 743.8'
Peoples Gas Light & Coke Co.....	O. Hinton #2.....	24, 95°N 134, 7°W Sec NE Sec. 16 21N 7E..	Mt. Simon 5000'	G.L. 743.6'
Peoples Gas Light & Coke Co.....	A. G. Hunt #4.....	53, 25°S 508, 5°E NWc NE Sec. 16 21N 7E..	Mt. Simon 5000'	G.L. 737'
Peoples Gas Light & Coke Co.....	G. Webster #3.....	161, 7°N 51, 1°W Sec NE Sec. 17 21N 7E..	Mt. Simon 5000'	G.L. 743.4'
Peoples Gas Light & Coke Co.....	Hinton Brothers #2.....	34, 0°S 152, 6°E NWc NE Sec. 21 21N 7E..	Mt. Simon 4200'	G.L. 731.4'
CHRISTIAN COUNTY				
C. B. Mansfield.....	Alta Ellis #W-1.....	330°N 315°E SWc SE SW Sec. 24 15N 2W..	Water Sand	G.L. 506'

WATER SUPPLY WELLS—Continued
(Permits Issued in 1964)

Operator	Well (* = Converted Well)	Location	Formation	Elev.
CLAY COUNTY				
Tamarack Petroleum Co., Inc.	Freeman #1	255°S 156°W NEc SW SW Sec. 18 2N 9E	Water Sand 90'	
COLES COUNTY				
Ashland Oil & Refining Co.	Brining "A" W.S. #7	150°S 240°E NWc NE Sec. 3 11N 7E	Pennsylvanian 350'	G.L. 747.0'
CRAWFORD COUNTY				
Tidewater Oil Company	Ben & Bessie Murphy Well #WS-1	650°S 220°W NEc SE Sec. 17 6N 13W	Lower Pennsylvanian	G.L. 465'
John M. Zanettis	Quick Heirs-Hartleroad Comm. #WS-1	1350°N 1390°E SWc NW Sec. 29 7N 12W	Pennsylvanian 250'	
Hoyt Lovelace	Newlin #4-W	330°N 460°W SEc NW Sec. 19 7N 13W	Pennsylvanian 1200'	G.L. 488'
DEWITT COUNTY				
Lloyd A. Harris	Cora E. Ryan #5	990°N 330°W SEc Sec. 20 21N 3E	Silurian	G.L. 803.7'
EDWARDS COUNTY				
George H. Wickham	*Mary Schroeder #WW-2	330°N 330°W SEc NE SE Sec. 27 2S 14W	Fresh Water Sand 400'	G.L. 409'
Kingwood Oil Company	H. Johnson WSW #1	616°N 680°W SEc NE Sec. 18 3S 11E	Water Sand 430'	G.L. 418'
EFFINGHAM COUNTY				
Sinclair Oil & Gas Company	Upper Cypress Sand Unit Tract 7 -- #S-1	306°N 544 50°W SEc SW SW Sec. 27 6N 7E	Pennsylvanian 1800'	G.L. 549'
FRANKLIN COUNTY				
Farrar Oil Company	*Spann W. S. #1	330°S 330°E NWc SE Sec. 35 4S 1E	Cypress	G.L. 475'
National Associated Petroleum Co.	*Lindsay-Epperson #1-D	330°N 100°W SEc NW Sec. 14 6S 1E	Pennsylvanian 1100'	G.L. 513'
National Associated Petroleum Co.	*Lindsay-Tonini #2-H	335°N 283°W SEc Sec. 14 6S 1E	Pennsylvanian 1049'	G.L. 454.61'
Farrar Oil Company	Burr Oak-Gaither WS-1	30°S 65°W NEc SE NW Sec. 35 6S 4E	Water Sand	G.L. 459'
Victor R. Gallagher	*Zeigler Coal & Coke (Plumfield Acre) #WS-21	330°N 330°W SEc NE SW NW Sec. 18 7S 2E	Pennsylvanian 1700'	G.L. 401'
GALLATIN COUNTY				
Wausau Petroleum Corporation	*Pankey "A" #1	330°N 330°E SWc NE NE Sec. 19 7S 8E	Pennsylvanian 1570'-1643'	D.F. 422'

HAMILTON COUNTY

H. H. Weinert Estate.....	South Aden Water Flood Hall #1 WSW	505°N 54°W Sec NE NE Sec. 30 3S 7E.....	Penn. 1650'	G.L. 392'
Collins Brothers Oil Co.....	South Bungey Unit Water Supply #1.....	80°S 360°E NWc SW NE Sec. 35 4S 7E.....	Fresh Water 300'	.....
Marathon Oil Company.....	*M. C. Moore WSW-1.....	330°S 330°E NWc NE NW Sec. 35 4S 7E.....	Cypress 3070'	G.L. 514'
Texaco Inc.....	*C. Johnson #2 (Tract 28).....	330°S 330°W NEc SW SE Sec. 12 6S 6E.....	Penn. 1988'	G.L. 412'
The Pure Oil Company.....	Eugenie Cuddy WS #1.....	119°N 435°W Sec SW SE Sec. 6 6S 7E.....	Penn. 1600'	G.L. 379'
Texaco Inc.....	*K. Mayberry #2 (Tract 32).....	330°N 330°E SWc SE Sec. 7 6S 7E.....	Penn. 1678'	G.L. 381'
Texaco Inc.....	*M. Davis NCT-1-#12 (Tract 14).....	330°N 330°E SWc NE NW Sec. 8 6S 7E.....	Penn. 1814'	G.L. 374'
Texaco Inc.....	*R. R. Johnson #13 (Tract 38).....	330°N 330°E SWc NW NW Sec. 18 6S 7E.....	Penn. 1872'	G.L. 396'

JEFFERSON COUNTY

Texaco Inc.....	*W. P. Green NCT-1-#6.....	330°S 330°E NWc SE NE Sec. 22 1S 3E.....	Pennsylvanian 2600'	G.L. 576'
Texasco Inc.....	D. E. Hanes #7—Tract 11.....	115°S 155°W NEc SW NW Sec. 23 1S 3E.....	Pennsylvanian.....	G.L. 587'
Farrar Oil Company.....	*E. M. Randolph #2.....	330°N 330°E SWc NE NW Sec. 34 3S 8E.....	Pennsylvanian.....	D.F. 461'
Warrior Oil Company.....	*Piper #2 WSW.....	330°S 330°W NEc SE Sec. 10 3S 2W.....	Pennsylvanian 1460'	D.F. 466'

LAWRENCE COUNTY

Illinois Oil Company.....	Spidel WS-1.....	965°S 230°W NEc NW SE Sec. 12 2N 12W.....	Fresh Water Sand 300'	G.L. 438'
---------------------------	------------------	---	-----------------------	-----------

MADISON COUNTY

Sinclair Oil & Gas Company.....	*Edmond W. Ellis #1.....	330°N 330°E SWc NE SW Sec. 27 3N 6W.....	Mississippian.....	G.L. 514'
---------------------------------	--------------------------	--	--------------------	-----------

RICHLAND COUNTY

John M. Zanettis.....	Southeast Olney Unit— J. G. Scherer WS-1.....	736°S 114°E NWc NE Sec. 18 3N 11E.....	Pennsylvanian 450'	G.L. 489'
The Bradley Producing Corporation.....	*Delebenner #WS-1.....	660°N 330°E SWc NW SE Sec. 1 4N 9E.....	Cypress 2700'	.....

SALINE COUNTY

R. K. Petroleum Corporation.....	Whitlock #WS-1.....	80°N 31°E SWc Sec. 21 8S 6E.....	Pennsylvanian 1300'	G.L. 379'
R. W. Fortis.....	Mugge #S-3.....	50°N 50°W Sec NE Sec. 15 8S 7E.....	Pennsylvanian 1500'	G.L. 407'

WABASH COUNTY

T. W. George.....	B. Spickerman #WS-1.....	162°N 140°E SWc SE NE Sec. 27 1S 13W.....	Upper Penn. Sand 1100'	G.L. 405'
Texasco Inc.....	*C. J. Stansfield #3 (Tract 3).....	363°S 293°E NWc NE NE Sec. 30 2S 13W.....	Penn. 1620'	G.L. 425'

WAYNE COUNTY

The Pure Oil Company.....	*North Ciane Consolidated C. B. Clay #1.....	47°N 372°W Sec NE NW Sec. 27 1N 7E.....	Penn. 800'	D.F. 450'
M. J. Williams.....	Jacob Lambrecht #1.....	340°S 340°E NWc NE Sec. 32 1N 8E.....	Penn. 700'	.....
The Pure Oil Company.....	*Sycamore Consolidated— S. D. Broyles #1.....	990°N 330°E SWc NE Sec. 23 2N 7E.....	Penn. 900'	G.L. 428'
The Pure Oil Company.....	North East Geff Unit W.S. #1.....	726°N 55°E SWc Sec. 12 1S 7E.....	Penn. 800'	G.L. 417'
Texasco Inc.....	*O. Gregory #2 Tract 19.....	330°N 330°E SWc NE SW Sec. 28 2S 7E.....	Penn. 1954'	G.L. 382'

WATER INPUT WELLS (Permits Issued in 1964)

Operator	Well (* = Converted Well)	Location	Formation	Elev.
CHRISTIAN COUNTY				
J. D. Kuykendall	*Ellis #3.....	330°N 330°E SWc SE SE Sec. 24 15N 14W	Silurian 1919'-1928'	G.L. 605.5'
C. B. Maushield	*Alta Ellis #2.....	330°N 330°E SWc SE SW Sec. 24 15N 2W	Devonian 1903'-1917'	G.L. 603'
CLARK COUNTY				
C. E. Skiles, Inc.	Patsay Grant #D-1	8°S 18°W NEc NW SW SW Sec. 2 9N 14W	Casey 500'-550'	G.L. 578.03'
C. E. Skiles, Inc.	Patsay Grant #E-1	7°S 4°E NWc SW SW Sec. 2 9N 14W	Casey 500'-550'	G.L. 600.14'
C. E. Skiles, Inc.	Howe #E-3	30°N 30°W SEc Sec. 3 9N 14W	Casey 450'-500'	G.L. 595'
C. E. Skiles, Inc.	Howe #E-3	30°N 70°W SEc Sec. 3 9N 14W	Casey 450'-500'	G.L. 615'
C. E. Skiles, Inc.	F. Howe #A-7	2°S 10°W NEc SW NW Sec. 11 9N 14W	Casey 450'-500'	G.L. 530.26'
C. E. Skiles, Inc.	F. Howe #D-4	60°N 60°W SEc NW NW Sec. 11 9N 14W	Casey 450'-500'	G.L. 601.28'
C. E. Skiles, Inc.	F. Howe #D-5	60°N SEc NW NW NW Sec. 11 9N 14W	Casey 450'-500'	G.L. 544.52'
C. E. Skiles, Inc.	F. Howe #D-6	20°N 23°E SWc NE SW NW Sec. 11 9N 14W	Casey 450'-500'	G.L. 586.08'
C. E. Skiles, Inc.	F. Howe #E-4	10°E NWc SW NW NW Sec. 11 9N 14W	Casey 450'-500'	G.L. 585.57'
C. E. Skiles, Inc.	F. Howe #E-5	22°E SWc NW NW Sec. 11 9N 14W	Casey 450'-500'	G.L. 589.59'
C. E. Skiles, Inc.	F. Howe #E-6	30°E SWc NW SW NW Sec. 11 9N 14W	Casey 450'-500'	G.L. 582.67'
Ernest Zink	*Farble #7-B	100°S 40°W NEc SW SW Sec. 11 9N 14W	Penn. 425'-432'	G.L. 612'
John W. Fawcett	Glenn Barbee #1	50°N 50°E SWc SE SW Sec. 34 12N 14W	Penn. 365'-395'	G.L. 649'
John W. Fawcett	Glenn Barbee #2	50°N 50°W SEc SE SW Sec. 34 12N 14W	Penn. 365'-395'	G.L. 649'
John W. Fawcett	Glenn Barbee #3	50°S 50°E NWc SE SW Sec. 34 12N 14W	Penn. 365'-395'	G.L. 644'
John W. Fawcett	Glenn Barbee #4	50°S 60°E NWc SE SW Sec. 34 12N 14W	Penn. 365'-395'	G.L. 647'
CLAY COUNTY				
John M. Zanetis	*W. L. Stanford #4	330°S 330°W NEc SW SW Sec. 3 2N 7E	Aux Vases 2831'-2941'	G.L. 423'
John M. Zanetis	*Stanford #3-A	330°S 330°W NEc SE SE Sec. 4 2N 7E	Aux Vases 2950'-2958'	G.L. 446'
The Pure Oil Company	*Weiler School Consolidated: Eugene E. Weiler #11	330°N 330°W SEc NW NE Sec. 4 2N 8E	Cypress 2611'-2643'	G.L. 438'
Illinois Lease Operating, Inc.	*Carroll #3	330°N 330°E SWc NE SE Sec. 8 2N 8E	McClosky 2994'-3005'	G.L. 473'
The Pure Oil Company	*South West Noble Unit: Ralph Hough #1	330°S 330°E NWc SE SE Sec. 11 2N 8E	Rosiclare 3001'-3007'	G.L. 412'
Texaco Inc.	*H. D. Allen #11 #1	330°S 330°W NEc NW NE Sec. 36 3N 5E	Aux Vases 2754'-2780'	G.L. 514'
Texaco Inc.	*H. D. Allen #A #7 Tr. 19	330°N 330°E SWc NE NE Sec. 36 3N 5E	Aux Vases 2761'-2778'	G.L. 514'
W. C. McBride, Inc.	*Willis Dehart #7	330°S 330°E NWc NE NE Sec. 9 3N 7E	Cypress 2599'-2609'	G.L. 437'
W. C. McBride, Inc.	*Willis Dehart #8	330°N 330°W SEc NW SE Sec. 9 3N 7E	Cypress 2622'-2640'	G.L. 460'
Shakespeare Oil Co., Inc.	*Sam Stanford #2	330°N 330°W SEc SW Sec. 22 3N 7E	Aux Vases 2917'-2982' 2988'-2986'	G.L. 489'
			Rosiclare 2994'-3005'	

Texaco Inc.	*R. L. Harrell "B" #3 Tr. 1.	330°N 330°W S4E SW SE Sec. 27 4N 5E.	Benoist 2597'-2608'	G.L. 535'
Texaco Inc.	*E. Gammon "B" #2 Tr. 2	330°N 330°W S4E Sec. 27 4N 5E.	Benoist 2587'-2609'	G.L. 537'
Texaco Inc.	*E. Gammon Unit #4 Tr. 6.	330°N 330°W S4E NE NE Sec. 34 4N 5E.	Benoist 2579'-2610'	G.L. 534'
Texaco Inc.	*R. L. Harrell "B" #1 Tr. 1.	330°S 330°E NWc NE NE Sec. 34 4N 5E.	Benoist 2599'-2611'	G.L. 538'
	*N. Pursell #2 Tr. 5.	330°N 330°E SWc NW NW Sec. 35 4N 5E.	Aux Vases 2642'-2655'	
Texaco Inc.	*N. Pursell #3 Tr. 5.	330°S 330°E NWc Sec. 35 4N 5E.	McClosky 2742'-2751'	G.L. 529'
Keystone Oil Company.	*Deon Bible Comm. #4.	330°N 330°W S4E NE SE Sec. 9 4N 7E.	Benoist 2592'-2608'	G.L. 536'
Secony Mobil Oil Co., Inc.	*Sailor Springs Sand Unit #15.	330°N 330°W S4E NW NW Sec. 23 4N 7E.	Cypress 2600'-2608'	G.L. 478'
Secony Mobil Oil Co., Inc.	*Sailor Springs Sand Unit #25.	330°N 330°W S4E SW NW Sec. 23 4N 7E.	Cypress 2587'-2602'	G.L. 450'
Texaco Inc.	*Hira Byers NCT-2 #2 Tr. 4.	330°S 330°E NWc NE SE Sec. 22 5N 5E.	Cypress 2590'-2601'	G.L. 443'
Texaco Inc.	*Hira Byers NCT-1 #6 Tr. 4.	330°S 330°E NWc SW NE Sec. 22 5N 5E.	Aux Vases 2338'-2354'	G.L. 527'
Texaco Inc.	*Hira Byers NCT-1 #7 Tr. 4.	330°N 330°W S4E NW Sec. 22 5N 5E.	Aux Vases 2309'-2318'	G.L. 487'
Texaco Inc.	*Spencer-Byers Unit #2 Tr. 5.	330°N 330°W S4E NE SE Sec. 22 5N 5E.	Aux Vases 2315'-2338'	G.L. 492'
Texaco Inc.	*J. W. Williams NCT-1 #1 Tr. 1.	330°N 330°W S4E NW NE Sec. 22 5N 5E.	Aux Vases 2328'-2362'	G.L. 526'
Cullum & Lawhead	Estey McGee #1.	330°S 330°E NWc SE Sec. 22 5N 5E.	Aux Vases 2300'-2319'	G.L. 486'
			Aux Vases 2345'-2366'	G.L. 532'
CLINTON COUNTY				
Texaco Inc.	*C. Murphy NCT-1 #4.	652°N 655°E SWc NW NE Sec. 2 2N 2W.	Devonian 2584'-2607'	G.L. 425'
Kewanee Oil Company.	*Albert Unit #1-W1.	330°N 330°W S4E NW SE Sec. 31 1W 3N 2W.	Trenton 3264'-3362'	G.L. 487'
Texaco Inc.	*P. Gray Comm. #2 Tr. 3.	330°N 330°E SWc SE SE Sec. 35 3N 2W.	Benoist 1509'-1200'	G.L. 439'
Texaco Inc.	*P. Gray Comm. #3 Tr. 3.	330°N 330°E SWc SE SE Sec. 35 3N 2W.	Benoist 1182'-1200'	G.L. 438'
Texaco Inc.	*P. Gray Comm. #10 Tr. 3.	330°N 330°E SWc SE SE Sec. 35 3N 2W.	Benoist 1216'-1240'	G.L. 435'
Texaco Inc.	*P. Gray Comm. #11 Tr. 3.	330°S 330°W NEc SW SE Sec. 35 3N 2W.	Benoist 1186'-1215'	G.L. 438'
Texaco Inc.	*P. Gray Comm. #18 Tr. 3.	1320°S 660°E NWc SW SE Sec. 35 3N 2W.	Benoist 1197'-1230'	G.L. 426'
Texaco Inc.	*P. Gray Comm. #19 Tr. 3.	1320°S 1320°E NWc SE Sec. 35 3N 2W.	Benoist 1206'-1233'	G.L. 425'
Texaco Inc.	*P. Gray Comm. #20 Tr. 3.	660°N 1320°E SWc SE Sec. 35 3N 2W.	Benoist 1202'-1226'	G.L. 434'
T. M. Conrey	*Al Knier #6.	330°S 330°E NWc SW SW Sec. 12 3N 3W.	Aux Vases 1170'-1190'	G.L. 464'
COLES COUNTY				
Walter Duncan.	Ohm #14.	705°N 530°W S4E SW Sec. 2 11N 7E.	Rosiclare 1965'-2005'	G.L. 638'
Steven & Forsyth.	*G. Brining W-5.	330°N 330°E SWc NE SW Sec. 3 11N 7E.	Aux Vases 1964'-1981'	
Humble Oil & Refining Co.	*N. D. Rick #2-W.	165°N 330°E SWc NW NW Sec. 11 11N 7E.	Rosiclare 2014'-2023'	D.F. 740'
			Cypress 3 1810'-1822'	
Walter Duncan.	*Oliver #2.	330°S 330°W NEc SW SW NW Sec. 2 12N 7E.	Cypress 4 1831'-1850'	G.L. 725'
Walter Duncan.	*Oliver #3.	1650°N 330°E SWc Sec. 2 12N 7E.	Aux Vases 1917'-1932'	
K. E. Bush.	*Holmes #3.	330°N 330°W S4E SW NW Sec. 12 12N 7E.	Rosiclare 1905'-1927'	G.L. 685'
Ashtland Oil & Refining Co.	*Sawyer Comm. #3 Well #1.	330°S 934°E NWc NE SE Sec. 34 12N 7E.	Rosiclare 1914'-1940'	G.L. 690'
Har-Ken Oil Company.	*Tracy "B" #1 (W-3).	330°S 330°E NWc NE NE Sec. 27 13N 7E.	Cypress 1947'-1954'	G.L. 692'
Har-Ken Oil Company.	*W. H. Tracy #2.	330°N 330°W S4E NW NE Sec. 27 13N 7E.	Cypress 1907'-1830'	
			Rosiclare 1919'-1922'	G.L. 677'
			Rosiclare 1912'-1920'	G.L. 674'
CRAWFORD COUNTY				
D. W. Franchot & Co.	J. W. 8 W. W.	5°S 240°W NEc SW SW Sec. 15 5N 11W.	Robinson 900'-1100'	G.L. 559. 3'
Tidewater Oil Company.	*A. W. Mann M-14.	192°N 808°W S4E NW NW NW Sec. 5 5N 12W.	Robinson 910'-947'	G.L. 476. 09'
Tidewater Oil Company.	*Mary Hoke #H-5.	330°N 330°W S4E NW SW Sec. 6 5N 12W.	Bethel 1325'-1330'	G.L. 476. 6'

WATER INPUT WELLS—Continued
(Permits Issued in 1964)

Operator	Well (*—Converted Well)	Location	Formation	Elev.
CRAWFORD COUNTY—Concluded				
Tidewater Oil Company	*Kizzie Hudson #K-1	330°N 330°W SEc NE SW Sec. 6 6N 12W	Bethel 1363'-1372'	G.L. 503.55'
Mt. Carmel Drilling Co.	*Frank Bussard #14	28°S 67°W NEc SE SW Sec. 22 6N 12W	Robinson 931'-944'	G.L. 537'
S. P. Duffield	*George C. Mohler #23	101°S 712°E NWc SW Sec. 22 6N 12W	Robinson 904'-968'	G.L. 524'
Trans-Pecos Prod. Corp.	George L. Walter #W-1	330°S 330°E NWc SE NE Sec. 2 6N 13W	Robinson 950'-980'	G.L. 492'
Trans-Pecos Prod. Corp.	George L. Walter #W-2	330°S 330°E NWc SE NE Sec. 2 6N 13W	Robinson 930'-960'	G.L. 510'
Trans-Pecos Prod. Corp.	George L. Walter #W-3	330°S 330°E NWc SE NE Sec. 2 6N 13W	Robinson 930'-960'	G.L. 508'
Trans-Pecos Prod. Corp.	George L. Walter #W-4	330°S 330°E NWc SE NE Sec. 2 6N 13W	Robinson 930'-960'	G.L. 507'
Marathon Oil Company	D. P. Heck #C-24	60°N 240°E SWc NE NE Sec. 2 6N 13W	Robinson 930'-960'	G.L. 470'
The MacDonell Co. of Lima, Inc.	C. Mark #C-19	10°N 10°W SEc NE NE Sec. 6 6N 13W	Robinson 870'-880'	G.L. 488'
The MacDonell Co. of Lima, Inc.	Charles W. Wadman #D-20	60°N 60°W SEc NE NE Sec. 6 6N 13W	Robinson 870'-880'	G.L. 488'
The MacDonell Co. of Lima, Inc.	George Zigler #D-21	60°S 10°W NEc SE NE Sec. 6 6N 13W	Robinson 870'-880'	G.L. 479'
The MacDonell Co. of Lima, Inc.	George Zigler #E-22	60°S 10°W NEc SE NE Sec. 6 6N 13W	Robinson 870'-880'	G.L. 479'
Marathon Oil Company	A. G. Sibley #E-28	10°N 660°W SEc NE NE Sec. 7 6N 13W	Robinson 910'-1000'	G.L. 478'
Marathon Oil Company	C. W. Wadman #D-27	10°S NWc SW NE Sec. 8 6N 13W	Robinson 900'-990'	G.L. 471'
Marathon Oil Company	J. & G. Apple #I-27	60°S 10°E NWc SE NE Sec. 8 6N 13W	Robinson 900'-990'	G.L. 471'
Marathon Oil Company	J. & G. Apple #G-28	60°S 10°E NWc SE NE Sec. 8 6N 13W	Robinson 900'-990'	G.L. 471'
Marathon Oil Company	J. & G. Apple #H-28	60°S NWc NE NE Sec. 8 6N 13W	Robinson 900'-990'	G.L. 457'
Marathon Oil Company	J. & G. Apple #J-28	60°S NWc NE NE Sec. 8 6N 13W	Robinson 900'-990'	G.L. 457'
Marathon Oil Company	J. & G. Apple #K-28	60°S NWc NE NE Sec. 8 6N 13W	Robinson 900'-990'	G.L. 457'
Marathon Oil Company	J. & G. Apple #J-29	50°N SEc NW Sec. 8 6N 13W	Robinson 900'-990'	G.L. 451'
Marathon Oil Company	R. Keeley #H-27	22°N 660°W SEc NE NE Sec. 8 6N 13W	Robinson 900'-990'	G.L. 451'
Marathon Oil Company	R. Keeley #K-27	20°N 660°W SEc NE NE Sec. 8 6N 13W	Robinson 900'-990'	G.L. 451'
Marathon Oil Company	James Murphy #J-30	20°N 660°W SEc NE NE Sec. 8 6N 13W	Robinson 900'-990'	G.L. 451'
Marathon Oil Company	R. Nethery #J-31	1320°S 10°E NWc SE Sec. 8 6N 13W	Robinson 900'-990'	G.L. 451'
Marathon Oil Company	C. W. Wadman #F-28	660°S 720°E NWc SW NW Sec. 8 6N 13W	Robinson 910'-1000'	G.L. 450'
Marathon Oil Company	C. W. Wadman #G-27	25°N 10°W SEc NE NE Sec. 8 6N 13W	Robinson 900'-990'	G.L. 454'
Marathon Oil Company	P. Miller #MW-10	20°N 55°W SEc NE NE Sec. 15 6N 13W	Robinson 900'-990'	G.L. 449'
Marathon Oil Company	W. D. Walker #2 #W-10	10°N 10°W SEc NE NE Sec. 28 6N 13W	Robinson 875'-880'	G.L. 472'
Marathon Oil Company	C. P. Carlton #R-19A	5°S 28°E NWc NE Sec. 34 6N 13W	Robinson 880'-875'	G.L. 480'
Marathon Oil Company	Leroy Newlin A/C 1 #NW-16A	50°N 80°E SWc Sec. 20 7N 12W	Robinson 910'-990'	G.L. 548'
Logan Oil Company, Inc.	McComb #W-7	1330°N 1330°E SWc NW Sec. 28 7N 12W	Robinson 915'-980'	G.L. 560'
John M. Zanetti	Quick Heirs—Hartleroad Community #W-1	1330°N 1330°E SWc NW Sec. 28 7N 12W	Robinson 915'-980'	G.L. 548'
John M. Zanetti	Quick Heirs—Hartleroad Community #W-2	200°N 330°E SWc SE NW Sec. 7 7N 13W	Robinson 930'-960'	G.L. 500.4'
Tidewater Oil Company	*S. J. Stifle S-1	200°N 330°E SWc SE NW Sec. 7 7N 13W	Robinson 910'-920' 930'-948'	G.L. 507.7
Tidewater Oil Company	*S. J. Stifle S-12	200°N 500°W SEc SW Sec. 7 7N 13W	Robinson 910'-918' 937'-952'	G.L. 507.7
Tidewater Oil Company	*S. Jasper Stifle #S-20	660°S NEc SW Sec. 7 7N 13W	Robinson 899'-910'	G.L. 507.7
Tidewater Oil Company	*S. Jasper Stifle S-21	70°N 70°E SWc Sec. 7 7N 13W	Robinson 937'-882'	G.L. 500.5'
Marathon Oil Company	D. G. Walters #Y-6	10°S 660°E NWc Sec. 7 7N 13W	Robinson 925'-975'	G.L. 509'

Marathon Oil Company	D. G. Walters #Z-6	10°S 149°E NW Sec. 7 7N 13W	Robinson 925'-975'	G.L. 488'
Marathon Oil Company	D. G. Walters #Y-8	1286°S 660°E NW Sec. 7 7N 13W	Robinson 925'-975'	G.L. 505'
Marathon Oil Company	D. G. Walters #Z-8	1286°S 149°E NW Sec. 7 7N 13W	Robinson 925'-975'	G.L. 487'
Tidewater Oil Company	*S. E. Wilkin #R-14	150°N 730°E SW Sec. 11 7N 13W	Robinson 970'-980'	G.L. 516, 9'
Tidewater Oil Company	*Walters Unit #AW-4	250°S 210°E NW Sec. 14 7N 13W	Robinson 980'-985'	G.L. 525, 7'
Tidewater Oil Company	*Walters Unit #AW-5	635°S 215°W NE Sec. 14 7N 13W	Robinson 925'-946'	G.L. 483, 3'
Tidewater Oil Company	Job Randolph #H-8	600°N 600°W SE Sec. 16 7N 13W	Robinson 928'-932'	G.L. 524, 4'
Tidewater Oil Company	*J. G. McKnight #M-2	200°S 480°W NE Sec. 18 7N 13W	Robinson 900'-910'	G.L. 496, 3'
Tidewater Oil Company	*J. G. McKnight #M-3	90°S 550°W NE Sec. 18 7N 13W	Robinson 900'-920'	G.L. 503, 4'
Tidewater Oil Company	William Mouser W. I. #1	450°N 650°W SE Sec. 19 7N 13W	Robinson 880'-950'	G.L. 476, 4'
Hoyle Lovelace	Charles Stehr #2 WI	660°N 20°E SW Sec. 21 7N 13W	Robinson 860'-975'	G.L. 486, 8'
Ind. Farm Bureau Coop. Assn., Inc.	Viola Dees #W-8	665°S 500°E NW Sec. 21 7N 13W	Robinson 860'-975'	G.L. 490'
Ind. Farm Bureau Coop. Assn., Inc.	M. C. Stentz A/C 1 #Y-19	77°S 50°W NE Sec. 21 7N 13W	Robinson 910'-1000'	G.L. 498, 8'
Marathon Oil Company	M. C. Stentz A/C 1 #Y-20	127°S 101°W NE Sec. 26 7N 13W	Robinson 882'-888'	G.L. 502'
Marathon Oil Company	*Mary McLain Fee #H-9	660°N 50°E SW Sec. 28 7N 13W	Robinson 920'-960'	G.L. 492'
Marathon Oil Company	Viola Dees #S-8	10°S 660°E NW Sec. 32 7N 13W	Robinson 860'-960'	G.L. 483'
Marathon Oil Company	J. A. York #M-9	10°N 694°W SE Sec. 33 7N 13W	Robinson 920'-960'	G.L. 489'
Marathon Oil Company	W. A. Whitmer #R-11	10°S 50°W NE Sec. 33 7N 13W	Robinson 950'-1000'	G.L. 464'
Marathon Oil Company	A. P. Woodworth #S-9	1320°S NW Sec. 34 7N 13W	Robinson 950'-1000'	G.L. 489'
Marathon Oil Company	C. F. Curtis #Q-8	67°W SE Sec. 2 7N 14W	Robinson 975'-995'	G.L. 481'
Wichita River Oil Corp.	T. J. Musgrove #P-6	330°N 330°E NW Sec. 26 8N 13W	Robinson 1014'-1022'	G.L. 554, 9'
Wichita River Oil Corp.	*Spaugh #519	10°S 543°W NE Sec. 26 8N 13W	Robinson 975'-995'	G.L. 489'
Wichita River Oil Corp.	*Spaugh #533	20°S 20°W NE Sec. 35 8N 13W	Robinson 992'-1021'	G.L. 553, 1'
Wichita River Oil Corp.	*Burt Comm. #513	330°S 990°W NE Sec. 35 8N 13W	Robinson 975'-1001'	G.L. 541, 6'
Wichita River Oil Corp.	Flynn #523	8°S 1°E NW Sec. 35 8N 13W	Robinson 975'-1020'	G.L. 539, 4'
Wichita River Oil Corp.	*Flynn #524	3°S 637°N NE Sec. 35 8N 13W	Robinson 975'-1020'	G.L. 517, 6'
Wichita River Oil Corp.	Flynn #525	8°N 2°E NW Sec. 35 8N 13W	Robinson 980'-1050'	G.L. 514, 5'
Wichita River Oil Corp.	Flynn #527	63°S 1°E NW Sec. 35 8N 13W	Robinson 980'-1050'	G.L. 552, 2'
Wichita River Oil Corp.	Flynn #528	63°S 1°E NW Sec. 35 8N 13W	Robinson 980'-1050'	G.L. 517'
Wichita River Oil Corp.	Flynn #530	60°S 1°E NW Sec. 35 8N 13W	Robinson 977'-1003'	G.L. 551, 7'
Wichita River Oil Corp.	Flynn #532	69°S 90°W NE Sec. 35 8N 13W	Robinson 980'-1050'	G.L. 545, 8'
Wichita River Oil Corp.	Flynn #539	88°N 88°E SW Sec. 35 8N 13W	Robinson 1000'-1020'	G.L. 555, 2'
Wichita River Oil Corp.	Spaugh-Piersall #531			
EDWARDS COUNTY				
The Superior Oil Company	*L. Lipper "C" #3	330°S 330°W NE Sec. 33 1S 14W	Cypress 2642'-2661'	G.L. 394'
The Superior Oil Company	*H. F. Hart #4	334°S 330°W NE Sec. 25 2S 10E	Biehl 2083'-2095'	D.F. 505'
Herndon Drilling Company	*Den Curtis W-1	330°N 330°W SE Sec. 27 2S 10E	Aux Vases 3166'-3199'	
Herndon Drilling Company	*Cowling Community W-1	330°S 330°E NW Sec. 34 2S 10E	O'Hara 3232'-3240'	D.F. 421'
Herndon Drilling Company	*Frank Saxe W-4	330°S 330°W NE Sec. 34 2S 10E	Aux Vases 3206'-3242'	G.L. 454'
Herndon Drilling Company	*Hartke Saxe W-1	330°S 330°E NW Sec. 34 2S 10E	O'Hara 3272'-3276'	D.F. 409'
Herndon Drilling Company	*Shaw-Woods W-1	330°N 330°E SW Sec. 34 2S 10E	Aux Vases 3181'-3212'	D.F. 445'
Herndon Drilling Company			Aux Vases 3187'-3218'	D.F. 443'

WATER INPUT WELLS—Continued
(Permits Issued in 1964)

Operator	Well (* = Converted Well)	Location	Formation	Elev.
EDWARDS COUNTY—Concluded				
The Superior Oil Company	*Texaco—R. Tait #2-A	330°N 330°W SEc NE NE Sec. 36 2S 10E	Walsenburg 2351'-2368'	D.F. 475'
The Superior Oil Company	T. J. Wick Etal #3	330°S 330°W NEc NW SW Sec. 30 2S 11E	Biell 2040'-2034'	G.L. 479'
The Superior Oil Company	*T. J. Wick Etal #5	330°S 18°E NWc NE SW Sec. 30 2S 11E	Walsenburg 2369'-2387'	G.L. 475'
The Superior Oil Company	*J. Danielson #4	990°N 330°W SEc SW NW Sec. 28 1S 14W	Cypress 2527'-2532'	G.L. 393'
The Superior Oil Company	*T. R. Lankford #3	330°S 330°W NEc NW Sec. 33 1S 14W	Weller 2742'-2753'	D.F. 495'
George H. Wickham	Mary Schroeder "A" #W-1	45°S 10°W NEc NW SW Sec. 26 2S 14W	Walsenburg 2150'-2180'	D.F. 391'
George H. Wickham	Mary Schroeder #W-2	300°S 25°W NEc SE Sec. 27 2S 14W	Walsenburg 2150'-2180'	G.L. 398'
George H. Wickham	Mary Schroeder "B" #W-3	10°W NEc SW SE Sec. 27 2S 14W	Walsenburg 2150'-2180'	G.L. 417'
EFFINGHAM COUNTY				
Sinclair Oil & Gas Company	*Bible Grove Upper Cypress Sand Unit Tracy 1 Well #1	330°N 330°W SEc NW NW Sec. 27 6N 7E	Upper Cypress 2537'-2544'	
Sinclair Oil & Gas Company	Bible Grove Upper Sand Unit Tract #2-#W-1	50°S 50°W NEc NW Sec. 27 6N 7E	Upper Cypress 2525'-2550'	G.L. 556.85'
Sinclair Oil & Gas Company	Bible Grove Upper Cypress Sand Unit Tract #3-#W-1	20°N 650°E SWc NE SW Sec. 27 6N 7E	Upper Cypress 2525'-2550'	G.L. 548'
Sinclair Oil & Gas Company	Bible Grove Upper Cypress Sand Unit Tract #2-#W-2	520°S 10°W NEc SE NW Sec. 27 6N 7E	Upper Cypress 2525'-2550'	G.L. 549.65'
Sinclair Oil & Gas Company	*Bible Grove Upper Cypress Sand Unit Tract 4 Well #3	330°N 330°W SEc NE Sec. 28 6N 7E	Upper Cypress 2527'-2532'	G.L. 552'
Sinclair Oil & Gas Company	*Bible Grove Upper Cypress Sand Unit Tract 5 Well #4	330°S 330°W SEc SE SE Sec. 28 6N 7E	Upper Cypress 2564'-2571'	G.L. 543'
Sinclair Oil & Gas Company	Bible Grove Upper Cypress Sand Unit Tract #8 - #W-1	330°N 30°E SWc NW NW Sec. 34 6N 7E	Upper Cypress 2525'-2550'	G.L. 546'
Sinclair Oil & Gas Company	Bible Grove Upper Cypress Sand Unit Tract #8 - #W-2	330°N 240°E SWc NE NW Sec. 34 6N 7E	Upper Cypress 2525'-2550'	G.L. 543'
Sinclair Oil & Gas Company	Bible Grove Upper Cypress Sand Unit Tract #10 - #W-1	860°N 660°E SWc NW Sec. 34 6N 7E	Upper Cypress 2525'-2550'	G.L. 541'
R. H. Troop	Sand Unit Tract #10 - #W-1 Holste-Shelton Comm. #3-W	396°S 530°E NWc SW Sec. 19 8N 4E	Cypress 1550'-1560'	G.L. 615'
FAYETTE COUNTY				
Texaco Inc.	*E. Combe #12 Tract 10	330°N 700°E SWc Sec. 6 6N 3E	Weiler 1570'-1582'	G.L. 595'
Texaco Inc.	*O. Vachery MCT-1 #7 (Tract 5)	330°S 560°E NEc Sec. 6 6N 3E	Weiler 1526'-1536'	G.L. 595'
Texaco Inc.	*A. H. Yaden #6 (Tract 7)	330°S 22°W NEc NW Sec. 6 6N 3E	Weiler 1571'-1584'	G.L. 588'
Marathon Oil Company	*R. Christensen #1 (Tract 9)	330°S 22°W NEc NW Sec. 6 6N 3E	Weiler 1568'-1581'	G.L. 582'
Humble Oil & Refining Company	*C. M. Rush #M-4	375°N 330°E SWc NW Sec. 30 6N 3E	Cypress 1530'-1552'	
Humble Oil & Refining Company	Florence Durbin #11-W	330°N 230°E SWc NW NW Sec. 3 7N 3E	Weiler 1520'-1526'	G.L. 583'
Humble Oil & Refining Company			Paint Creek 1577'-1588'	

Texasaco Inc.....	*L. O. Wooten NCT-1#10 (Tract 4).....	330°S 1125°E NWc SW SE Sec. 31 7N 3E.....	Weiler 1577'-1588'	G.L. 604'
Humble Oil & Refining Company.....	W. W. Hodge #1-3WT.....	15°S 50°W NEc SW NW Sec. 1 8N 3E.....	Paint Creek 1394'-1604'	G.L. 615'
Humble Oil & Refining Company.....	W. E. Phillips #1-1WT.....	100°S 100°E NWc Sec. 1 8N 3E.....	Weiler 1580'-1572'-1618'	
Humble Oil & Refining Company.....	Richard Larimore #11-7WT.....	20°N 70°W SEc NW SW Sec. 11 8N 3E.....	Paint Creek 1604'-1618'	G.L. 620'
Humble Oil & Refining Company.....	Hayden-Gregg #24-2W.....	45°N 25°E SWc SE Sec. 16 8N 3E.....	Bethel 1597'-1618'	G.L. 604'
Humble Oil & Refining Company.....	A. M. Wood #18-4WT.....	50°S 300°W NEc SW Sec. 13 8N 3E.....	Weiler 1557'-1581'	G.L. 609'
Humble Oil & Refining Company.....	Henry Klune #14-16W.....	4°N 4°E SWc NW SE Sec. 14 8N 3E.....	Weiler 1544'-1559'	G.L. 597'
Humble Oil & Refining Company.....	Lemuel Lilly #23-9W.....	25°N 25°E SWc SE SW Sec. 14 8N 3E.....	Weiler 1456'-1490'	G.L. 600'
Humble Oil & Refining Company.....	Rosa B. Workman #14-13W.....	35°N 15°E SWc SE NW Sec. 14 8N 3E.....	Bethel 1530'-1560'	G.L. 589'
Humble Oil & Refining Company.....	J. G. Main #14-15W.....	10°S 35°W NEc SE SE Sec. 15 8N 3E.....	Bethel 1574'-1594'	G.L. 610'
Humble Oil & Refining Company.....	J. G. Main #22-10W.....	43°N 50°E SWc SE SE Sec. 15 8N 3E.....	Bethel 1586'-1621'	G.L. 602'
Humble Oil & Refining Company.....	*Leander Wood #6-W.....	330°N 330°E SWc Sec. 15 8N 3E.....	Weiler 1455'-1497'	G.L. 570'
Humble Oil & Refining Company.....	Leander Wood #14-W.....	346°N 377°E SWc Sec. 15 8N 3E.....	Paint Creek 1539'-1559'	G.L. 561'
Humble Oil & Refining Company.....	Leander Wood #15-13W.....	25°S 5°E NWc NE SW Sec. 15 8N 3E.....	Weiler 1407'-1448'	G.L. 562'
Humble Oil & Refining Company.....	Leander Wood #15-16W.....	2°S 30°W NEc SE SW Sec. 15 8N 3E.....	Paint Creek 1498'-1521'	G.L. 577'
Humble Oil & Refining Company.....	J. C. Beck #3-WT.....	330°N 380°E SWc Sec. 16 8N 3E.....	Bethel 1533'-1558'	
A. L. Hermann.....	H. E. Lilly #28.....	373°N 340°E SWc SE Sec. 16 8N 3E.....	Weiler 1512'-1531'	G.L. 589'
A. L. Hermann.....	H. E. Lilly #29.....	367°S 403°W NEc SW SE Sec. 16 8N 3E.....	Paint Creek 1484'-1499'	G.L. 561'
A. L. Hermann.....	H. E. Lilly #30.....	355°S 367°W NEc NW SE Sec. 16 8N 3E.....	Aux Vases 1555'-1573'	G.L. 562'
A. L. Hermann.....	H. E. Lilly #31.....	355°S 367°E SWc NW SE Sec. 16 8N 3E.....	Bethel 1507'-1565'	G.L. 577'
Humble Oil & Refining Company.....	Iva Miller #16-4W.....	50°N 5°E SWc NE NE Sec. 16 8N 3E.....	Paint Creek 1467'-1484'	G.L. 530'
Humble Oil & Refining Company.....	*Emily Wood #1-W.....	330°N 338°E SWc SE SE Sec. 16 8N 3E.....	Weiler 1498'-1530'	G.L. 620'
Humble Oil & Refining Company.....	*Emily Wood #3-W.....	330°S 330°W NEc SE SE Sec. 16 8N 3E.....	Bethel 1497'-1510'	G.L. 620'
Humble Oil & Refining Company.....	*Emily Wood #6-W.....	330°N 330°E SWc NE SE Sec. 16 8N 3E.....	Paint Creek 1550'-1595'	G.L. 620'
Humble Oil & Refining Company.....	*Emily Wood #9-W.....	328.5°N 293.5°E SWc SE SE Sec. 16 8N 3E.....	Benoist 1600'-1608'	G.L. 632'
Humble Oil & Refining Company.....	Emily Wood #10-W.....	288°N 371°E SWc NE SE Sec. 16 8N 3E.....	Benoist 1600'-1610'	G.L. 619'
Humble Oil & Refining Company.....	Emily Wood #11-W.....	290°S 310°W NEc SE SE Sec. 16 8N 3E.....	Benoist 1600'-1608'	G.L. 618'
Humble Oil & Refining Company.....	*Mary Cummings #4-W.....	330°S 330°W NEc Sec. 21 8N 3E.....	Weiler 1522'-1550'	G.L. 615'
			Weiler 1519'-1550'	G.L. 615'
			Paint Creek 1596'-1619'	G.L. 668'
			Weiler 1498'-1530'	G.L. 639'
			Bethel 1600'-1620'	G.L. 639'
			Weiler 1490'-1521'	G.L. 638'
			Paint Creek 1562'-1591'	G.L. 638'
			Bethel 1623'-1638'	G.L. 664'
			Aux Vases 1603'-1677'	G.L. 664'
			Bethel 1533'-1610'	G.L. 638'
			Aux Vases 1637'-1851'	G.L. 638'
			Paint Creek 1566'-1590'	G.L. 646'
			Aux Vases 1637'-1682'	G.L. 646'
			Weiler 1453'-1488'	G.L. 612'
			Bethel 1557'-1572'	G.L. 612'

WATER INPUT WELLS—Continued
(Permits Issued in 1964)

Operator	Well (* = Converted Well)	Location	Formation	Elev.
FAYETTE COUNTY—Concluded				
Humble Oil & Refining Company.....	Mary Cummings #8-W.....	330°S 393°W NEc Sec. 21 8N 3E.....	Paint Creek 1530'-1552' Aux Vases 1597'-1655'	G.L. 610'
Humble Oil & Refining Company.....	M. E. Hogan #21-16-W.....	15°S 25°E NWc SW SE Sec. 21 8N 3E.....	Bethel 1478'-1501'	G.L. 546'
Humble Oil & Refining Company.....	M. E. Hogan #28-10W.....	50°N 8°W SEc SW SE Sec. 21 8N 3E.....	Aux Vases 1509'-1564'	G.L. 525'
Humble Oil & Refining Company.....	Presbyterian Church #22-11W.....	10°S 10°W NEc SE NE Sec. 21 8N 3E.....	Bethel 1470'-1499' Weiler 1436'-1476'	G.L. 601'
Humble Oil & Refining Company.....	Gerald Weaver #21-13W.....	25°N 45°E SWc SE NW Sec. 21 8N 3E.....	Paint Creek 1513'-1533'	
Humble Oil & Refining Company.....	J. T. Wright #1-W.....	316°S 316°W NEc NW NE Sec. 21 8N 3E.....	Bethel 1546'-1561' Aux Vases 1579'-1639'	
Humble Oil & Refining Company.....	J. T. Wright #15-W.....	316°S 366°W NEc NW NE Sec. 21 8N 3E.....	Bethel 1508'-1581'	G.L. 621'
Humble Oil & Refining Company.....	J. B. Drees #1-W.....	330°S 990°E NWc Sec. 22 8N 3E.....	Weiler 1501'-1533'	G.L. 646'
Humble Oil & Refining Company.....	J. B. Drees #11-W.....	378°S 290°W NEc NW NW Sec. 22 8N 3E.....	Paint Creek 1561'-1597'	
Humble Oil & Refining Company.....	George Durbin #27-9W.....	25°N 25°W SEc SW SW Sec. 22 8N 3E.....	Bethel 1612'-1621'	G.L. 647'
Humble Oil & Refining Company.....	Lizzie Fichteman #27-10W.....	25°N 41°W SEc SW SE Sec. 22 8N 3E.....	Aux Vases 1648'-1660'	
Humble Oil & Refining Company.....	Cynthia Hopper #22-13W.....	10°S 30°E NWc NE SW Sec. 22 8N 3E.....	Paint Creek 1490'-1504'	G.L. 534'
Humble Oil & Refining Company.....	Cynthia Hopper #22-16W.....	25°N 25°W SEc NE SW Sec. 22 8N 3E.....	Paint Creek 1470'-1492'	G.L. 528'
Humble Oil & Refining Company.....	Nelson Logue #22-15W.....	24°N 33°E SWc NW SW Sec. 22 8N 3E.....	Paint Creek 1488'-1517'	
Humble Oil & Refining Company.....	Kenneth Stubblefield #22-12W.....	25°S 35°E NWc SW NE Sec. 22 8N 3E.....	Bethel 1527'-1527'	G.L. 558'
Humble Oil & Refining Company.....			Weiler 1407'-1477'	
Humble Oil & Refining Company.....			Paint Creek 1498'-1517'	
Humble Oil & Refining Company.....			Aux Vases 1562'-1617'	G.L. 557'
Humble Oil & Refining Company.....			Weiler 1373'-1437'	
Humble Oil & Refining Company.....			Bethel 1486'-1513'	G.L. 528'
Humble Oil & Refining Company.....			Weiler 1416'-1431'	
Humble Oil & Refining Company.....			Paint Creek 1451'-1463'	
Humble Oil & Refining Company.....			Bethel 1473'-1498'	
Humble Oil & Refining Company.....			Aux Vases 1508'-1563'	G.L. 532'
Humble Oil & Refining Company.....			Paint Creek 1427'-1477'	
Humble Oil & Refining Company.....			Bethel 1542'-1562'	
Humble Oil & Refining Company.....			Aux Vases 1585'-1602'	G.L. 587'

Humble Oil & Refining Company	M. Williams #22-14W	30° S 25° E NWc NE SE Sec. 22 8N 3E	Weiler 1454'-1500' Paint Creek 1532'-1556' Bethel 1509'-1597'	G.L. 605'
Humble Oil & Refining Company	M. Williams #23-11W	5° N 45° W SEc NE NE Sec. 22 8N 3E	Weiler 1452'-1497' Paint Creek 1532'-1554' Bethel 1562'-1582'	G.L. 589'
Humble Oil & Refining Company	M. Williams #23-15W	25° N 25° W SEc NE SE Sec. 22 8N 3E	Weiler 1391'-1458' Paint Creek 1473'-1493' Bethel 1510'-1540'	G.L. 533'
Humble Oil & Refining Company	Orville Simmons #23-13W	40° S 15° W NEc NW SW Sec. 23 8N 3E	Weiler 1479'-1532' Paint Creek 1584'-1582' Bethel 1593'-1612'	G.L. 607' G.L. 604' G.L. 533'
Humble Oil & Refining Company	A. Fortner #27-15W	25° N 25° E SWc NW SW Sec. 27 8N 3E	Weiler 1462'-1527'	G.L. 607'
Humble Oil & Refining Company	John Hogan #27-11W	10° S 35° E NWc SW NW Sec. 27 8N 3E	Bethel 1480'-1511'	G.L. 533'
Humble Oil & Refining Company	Rosa Seacock #26-11W	25° S 25° W NEc SE NE Sec. 27 8N 3E	Paint Creek 1504'-1538'	G.L. 550'
Humble Oil & Refining Company	Earl Tucker #27-12W	35° N 20° E SWc NW NE Sec. 27 8N 3E	Bethel 1533'-1566'	G.L. 601'
Humble Oil & Refining Company	Chas. Dial #28-14W	10° N 32° E SWc SE NE Sec. 28 8N 3E	Bethel 1574'-1602'	G.L. 604'
Humble Oil & Refining Company	Mabel Mills #28-13W	25° S 25° W NEc NW SW Sec. 28 8N 3E	Weiler 1435'-1485' Bethel 1540'-1547'	G.L. 595' G.L. 607'
Humble Oil & Refining Company	Mabel Mills #28-16W	41° S 1° W NEc SE SW Sec. 28 8N 3E	Aux Vases 1572'-1589'	G.L. 546'
Humble Oil & Refining Company	Mamie Tucker #28-6-WT3	30° N 28° E SWc NE NE Sec. 28 8N 3E	Weiler-Bethel 1477'-1582' Paint Creek 1591'-1510'	G.L. 593'
Humble Oil & Refining Company	Anna Tucker #7-W	330° N 330° E SWc SE SE Sec. 30 8N 3E	Aux Vases 1561'-1580'	G.L. 578'
Humble Oil & Refining Company	Silas M. Dial #33-12W	20° N 5° E SWc NW NE Sec. 33 8N 3E	Weiler 1486'-1540' Weiler 1428'-1488'	
FRANKLIN COUNTY				
National Assoc. Petroleum Co.	*Lindsay-Florenzi #1F-W.I.	230° N 190° W SEc SW SW Sec. 13 6S 1E	Aux Vases 2601'-2612' 2630'-2644'	G.L. 450 39'
National Assoc. Petroleum Co.	*Lindsay-Giles #1N-W.I.	230° S 510° E NWc SW Sec. 13 6S 1E	Aux Vases 2603'-2618' 2635'-2648'	G.L. 483 81'
National Assoc. Petroleum Co.	*Lindsay-Giles #2N-W.I.	580° N 165° W SEc NW SW Sec. 13 6S 1E	Aux Vases 2607'-2632' 2641'-2648'	G.L. 457 95'
National Assoc. Petroleum Co.	*Lindsay-Miller #1-D	650° N 640° W SEc NE NE Sec. 14 6S 1E	Aux Vases 2640'-2656'	D.F. 463'
National Assoc. Petroleum Co.	*Lindsay-Tonini #1N-W.I.	360° S 70° W NEc SE NE Sec. 14 6S 1E	Aux Vases 2606'-2619' 2634'-2652'	G.L. 482 84'
National Assoc. Petroleum Co.	*Lindsay-Basclo #1N-W.I.	355° N 300° E SWc NE NE Sec. 23 6S 1E	Aux Vases 2642'-2654'	G.L. 456 47'
National Assoc. Petroleum Co.	*Lindsay-Harrison #1-I	330° N 480° E SWc NE NE Sec. 23 6S 1E	Aux Vases 2661'-2668'	G.L. 457 58'
National Assoc. Petroleum Co.	*Lindsay-Kulesar #1-H	490° N 290° E SWc NE NW Sec. 24 6S 1E	Aux Vases 2637'-2646'	G.L. 441 28'
Shell Oil Company	*Benton Deep Flood Unit #18-W	390° S 270° E NWc SE Sec. 35 6S 2E	Devonian 4448'-4460'	D.F. 455'
Stewart Oil Company	*U. S. Coal & Coke #8 W.I.	375° S 230° E NWc SW NE Sec. 23 6S 4E	Aux Vases 2768'-2790' Cypress 2842'-2855'	G.L. 472'

WATER INPUT WELLS—Continued
(Permits Issued in 1964)

Operator	Well (* = Converted Well)	Location	Formation	Elev.
GALLATIN COUNTY				
Wausau Petroleum Corporation.....	*McKenzie-Pankey #1.....	330°N 470°E SWc NE NE Sec. 19 7S 8E.....	Cypress 2642'.....	D.F. 400'
Wausau Petroleum Corporation.....	*Duckworth #2.....	330°N 330°E SWc NW SW NW Sec. 20 7S 8E.....	Cypress 2659'.....	D.F. 409'
National Assoc. Petroleum Co.....	*C. W. Phillips W.I. #4.....	990°N 330°E SWc NW SW Sec. 32 7S 8E.....	Cypress 2366'-2375'.....	G.L. 355'
Continental Oil Company.....	*Cottonwood North W.F. Unit #46.....	330°N 330°E SWc NE NW Sec. 21 7S 9E.....	Lower Cypress 2660'-2694'.....	D.F. 396'
Continental Oil Company.....	*Cottonwood North W.F. Unit #48.....	330°S 330°E NWc SE NW Sec. 21 7S 9E.....	Upper Cypress 2634'-2645'.....	
Cities Service Oil Company.....	*Herald East Unit Tract 2 Well #14-W.....	330°S 330°W NEc SE NE Sec. 24 7S 9E.....	Lower Cypress 2664'-2688'.....	G.L. 391'
Cities Service Oil Company.....	*Herald East Unit Tract 1 Well #5-W.....	330°S 330°W NEc SE NE Sec. 24 7S 9E.....	Aux Vases 2893'-2911'.....	G.L. 400'
Cities Service Oil Company.....	*Herald East Unit Tract 2 Well #8-W.....	330°S 330°W NEc SE NE Sec. 24 7S 9E.....	Aux Vases 2909'-2936'.....	G.L. 397'
Illinois Lease Operating, Inc.....	*Wright-Williams #1.....	330°S 330°E NWc SE NW Sec. 34 7S 10E.....	Aux Vases 2916'-2933'.....	G.L. 413'
Illinois Lease Operating, Inc.....	*Pfelemer #1.....	330°N 330°E SWc SE NE Sec. 28 8S 10E.....	Tar Springs 2118'-2130'.....	
Paul S. Knight.....	*Conn. #1.....	1015°N 330°E SWc SE NE Sec. 29 8S 10E.....	Waltersburg 1998'-2005'.....	G.L. 350'
Paul S. Knight.....	*Golden-Williams Comm. #2.....	330°N 330°W SWc NE NE Sec. 31 8S 10E.....	Waltersburg 2010'-2034'.....	G.L. 344'
			Waltersburg 2016'-2034'.....	G.L. 360'
HAMILTON COUNTY				
H. H. Weinert Estate.....	*Hall #1.....	330°N 330°E SWc Sec. 20 3S 7E.....	Aux Vases 3254'-3273'.....	
H. H. Weinert Estate.....	*Garrison #1.....	330°N 330°E SWc NE NW Sec. 29 3S 7E.....	McClosky 3407'-3411'.....	
H. H. Weinert Estate.....	L. Hall #1.....	330°S 330°W NEc NW NW Sec. 29 3S 7E.....	McClosky 3398'-3404'.....	G.L. 398'
H. H. Weinert Estate.....	*Fields "B" #1.....	330°S 330°W NEc SE Sec. 30 3S 7E.....	Rosclaire 3347'-3350'.....	
H. H. Weinert Estate.....	*Johnson #1.....	330°S 330°W NEc NW SE Sec. 30 3S 7E.....	Aux Vases 3347'-3350'.....	
			Rosclaire 3336'-3348'.....	
			Aux Vases 3240'-3260'.....	
Socoxy Mobil Oil Co., Inc.....	*C. M. Hays #2.....	330°N 330°E SWc NE SE Sec. 15 4S 7E.....	McClosky 3396'-3402'.....	G.L. 380'
Socoxy Mobil Oil Co., Inc.....	*C. M. Hays #6.....	990°N 330°W SEc Sec. 15 4S 7E.....	Aux Vases 3217'-3290'.....	G.L. 401'
Collins Brothers Oil Co.....	*Barber Community #1.....	330°N 330°E SWc NE NE Sec. 35 4S 7E.....	Aux Vases 3278'-3292'.....	G.L. 417'
Collins Brothers Oil Co.....	*Ray Blades #1.....	330°N 330°E SWc NW Sec. 35 4S 7E.....	Renault 3283'-3287'.....	D.F. 390'
Collins Brothers Oil Co.....	*Frank Community #1.....	330°N 330°E SWc NE NE Sec. 35 4S 7E.....	Renault 3275'-3283'.....	G.L. 411'
Collins Brothers Oil Co.....	*Prance Community #1.....	330°N 330°E SWc SE NE Sec. 35 4S 7E.....	Renault 3283'-3289'.....	D.F. 400'
Collins Brothers Oil Co.....	*C. J. York #1.....	330°S 330°E NWc SE Sec. 35 4S 7E.....	Renault 3269'-3280'.....	D.F. 412'
Collins Brothers Oil Co.....	Union Central Life Ins. Co. #4-W.....	330°S 330°E NWc SE Sec. 35 4S 7E.....	Renault 3283'-3292'.....	D.F. 403'
The Pure Oil Company.....	Union Central Life Ins. Co. #4-W.....	5°N 35°W SEc NW SE Sec. 36 5S 6E.....	Upper Cypress 2750'-2750'.....	
			Benoist 2650'-2970'.....	G.L. 382'
The Pure Oil Company.....	Union Central Life Ins. Co. #8-W(A).....	50°N 10°W SEc SW SE Sec. 36 5S 6E.....	Upper Cypress 2730'-2750'.....	
			Benoist 2650'-2965'.....	G.L. 379'
Marathon Oil Company.....	*Vada Johnson "A" #G-8.....	330°S 330°W NEc SW SE Sec. 10 5S 7E.....	Aux Vases 3396'-3422'.....	D.F. 528'
The Pure Oil Company.....	Union Central Consolidated #5-W.....	5°S 50°E NWc SW Frac. SW Sec. 31 5S 7E.....	Upper Cypress 2720'-2740'.....	
			Benoist 2940'-2960'.....	G.L. 383'

The Pure Oil Company	Union Central Consolidated #9-W(B)	70°N 70°E SWc Sec. 31 5S 7E	Upper Cypress 2730'-2750' Benoist 2910'-2925'	G.L. 377' G.L. 434' G.L. 426' G.L. 486' G.L. 539' G.L. 546' G.L. 558' G.L. 548' G.L. 517'
Socony Mobil Oil Co., Inc.	*C. R. Sloan #8	330°S 334°E NWc NE NW SE Sec. 23 6S 5E	Aux Vases 3025'-3050'	G.L. 377'
Socony Mobil Oil Co., Inc.	*J. A. Hamilton #3	643°S 330°W NEc SW Sec. 24 6S 5E	Aux Vases 3111'-3134'	G.L. 434'
Marathon Oil Company	*M. C. Moore #J-2	330°S 330°E NWc SE SW Sec. 26 6S 5E	Aux Vases 3107'-3134'	G.L. 426'
Stewart Oil Company	*Flannigan #2 W1	330°N 330°W SEc NW SE Sec. 28 6S 5E	Lower O'Hara 3272'-3283'	G.L. 486'
Stewart Oil Company	*Flannigan #3 W1	330°S 330°W NEc NW SE Sec. 28 6S 5E	Aux Vases 3249'-3268'	G.L. 539'
Marathon Oil Company	*M. C. Moore #1-B	330°S 330°W NEc NW Sec. 35 6S 5E	Aux Vases 3250'-3270'	G.L. 546'
Marathon Oil Company	*M. C. Moore #H-10	330°S 330°W NEc NW Sec. 35 6S 5E	Aux Vases 3271'-3282'	G.L. 558'
Marathon Oil Company	*M. C. Moore #P-12	400°N 90°E SWc NE Sec. 35 6S 5E	Aux Vases 3276'-3285'	G.L. 548'
Texaco Inc.	A. Anderson #2 Tract 5	20°N 90°W SEc Sec. 1 6S 6E	Aux Vases 3228'-3306'	G.L. 517'
Texaco Inc.	*I. Hale #12 Tract 1	330°N 330°W SEc SW NE Sec. 1 6S 6E	Upper Cypress 2864'-2887'	G.L. 377'
Marathon Oil Company	*Omer Matheny #D-4	330°N 90°E SWc SE Sec. 3 6S 6E	Aux Vases 2977'-2991'	G.L. 378'
Texaco Inc.	*Knight #3	330°N 330°E SWc NE SE Sec. 9 6S 6E	Upper Cypress 2730'-2754'	G.L. 378'
Texaco Inc.	*E. Freeman #1	330°S 330°E NWc SE Sec. 11 6S 6E	Benoist 2916'-2934'	D.F. 433'
Texaco Inc.	*K. Edwards #1	330°S 330°W SEc NW Sec. 11 6S 6E	Benoist 2972'-2990'	G.L. 397'
Texaco Inc.	*Henderson-Johnson Comm. #1	330°S 330°E NWc SW SE Sec. 11 6S 6E	Aux Vases 3066'-3065'	G.L. 405'
Texaco Inc.	*W. Daily #3 Tract 11	257°S 330°W NEc SE Sec. 12 6S 6E	Aux Vases 3044'-3062'	G.L. 404'
Texaco Inc.	*W. Daily #4 Tract 11	374°N 330°W SEc NE Sec. 12 6S 6E	Aux Vases 3045'-3065'	G.L. 411'
Texaco Inc.	*W. Daily #9 Tract 11	1007°S 330°W NEc SE Sec. 12 6S 6E	Upper Cypress 2702'-2727'	G.L. 380'
Texaco Inc.	*W. Daily #10 Tract 11	660°S 660°E NWc NE Sec. 12 6S 6E	Benoist 2653'-2614'	G.L. 378'
Texaco Inc.	*W. Daily #11 Tract 11	657°N 652°E SWc NE Sec. 12 6S 6E	Aux Vases 2995'-3039'	G.L. 384'
Texaco Inc.	W. Daily #15 Tract 11	40°N 40°W SEc NE NE Sec. 12 6S 6E	Aux Vases 3016'-3045'	G.L. 377'
Texaco Inc.	*C. Johnson #1 Tract 28	330°N 330°W SEc SW SE Sec. 12 6S 6E	Benoist 2907'-2936'	G.L. 377'
Texaco Inc.	*J. Mayberry #2 Tract 30	330°N 312°W SEc Sec. 12 6S 6E	Benoist 2907'-2940'	G.L. 377'
Texaco Inc.	*P. W. Short #2 Tract 21	330°N 330°W SEc NW SE Sec. 12 6S 6E	Aux Vases 3010'-3031'	G.L. 380'
E. H. Kaufman	*Hayes #W-1	330°N 330°E SWc NE NW Sec. 19 6S 6E	Upper Cypress 2650'-2689'	G.L. 410'
Texaco Inc.	M. Bond #B-#5 (Tract 25)	25°S 32°E NWc SW NE Sec. 34 6S 6E	Benoist 2978'-3004'	G.L. 394'
Texaco Inc.	G. O. Cotter #1 Tract 29	330°S 330°W SEc NE SW Sec. 34 6S 6E	Aux Vases 3052'-3092'	G.L. 397'
Texaco Inc.	E. Cotter #2 Tract 20	330°S 330°E NWc Sec. 34 6S 6E	Upper Cypress 2743'-2779'	G.L. 452'
Texaco Inc.	S. L. Johns #3 Tract 30	330°S 330°E NWc SW SE Sec. 34 6S 6E	Benoist 2939'-2969'	G.L. 391'
Texaco Inc.	*R. D. Smith #2 Tract 28	330°S 330°E NWc SW Sec. 34 6S 6E	Aux Vases 3036'-3072'	G.L. 405'
Texaco Inc.	*N. Beagle #8 Tract 7	330°N 307°W SEc SW SW Sec. 5 6S 7E	Aux Vases 3114'-3155'	G.L. 400'
			Aux Vases 3136'-3153'	G.L. 404'
			Aux Vases 3143'-3170'	G.L. 417'
			Aux Vases 3138'-3170'	G.L. 417'
			Benoist 2853'-2925'	G.L. 371'
			Aux Vases 2992'-3032'	

WATER INPUT WELLS—Continued
(Permits Issued in 1934)

Operator	Well (*—Converted Well)	Location	Formation	Elev.
HAMILTON COUNTY—Continued				
Texaco Inc.	N. Beagle #11 Tract 7	24°S 0°E NWc SW SW Sec. 5 6S 7E.	Benoist 2891'-2904' Aux Vases 2993'-3016' Upper Cypress 2690'-2705' Benoist 2870'-2885'	G.L. 375'
The Pure Oil Company	Eugenie Cuddy #19-W (D)	145°S 30°E NWc SW Sec. 6 6S 7E.	Aux Vases 2970'-2990' Upper Cypress 2680'-2695' Benoist 2855'-2875'	G.L. 376'
The Pure Oil Company	Eugenie Cuddy #21-W	70°S 97°W NEc SW Sec. 6 6S 7E.	Aux Vases 2960'-2975' Hardinsburg 2460'-2480' Upper Cypress 2675'-2690' Benoist 2860'-2875'	G.L. 376'
The Pure Oil Company	Eugenie Cuddy #24-W (E)	10°S 10°E NWc SW SW Sec. 6 6S 7E.	Aux Vases 2965'-2985' Upper Cypress 2660'-2675' Benoist 2850'-2864'	G.L. 377'
The Pure Oil Company	Eugenie Cuddy #25-W	60°N SEc NW SW Sec. 6 6S 7E.	Aux Vases 2985'-3010' Hardinsburg 2455'-2465' Upper Cypress 2650'-2665' Benoist 2845'-2860'	G.L. 376'
The Pure Oil Company	Eugenie Cuddy #26-W (L)	70°N 70°W SEc NE SW Sec. 6 6S 7E.	Aux Vases 2950'-2970' Upper Cypress 2670'-2685' Benoist 2845'-2860'	G.L. 376'
The Pure Oil Company	Eugenie Cuddy #30-W	50°N 50°W SEc SW SW Sec. 6 6S 7E.	Aux Vases 2950'-2968' Benoist 2900'-2930'	G.L. 376'
Kingwood Oil Company	Dodd #10-W	45°S 10°E NWc NE NW Sec. 6 6S 7E.	Aux Vases 3010'-3030' Cypress 2690'-2720'	G.L. 378'
Kingwood Oil Company	Dodd #15-W	10°S 20°E NWc SE NW Sec. 6 6S 7E.	Benoist 2890'-2915' Aux Vases 2990'-3000'	G.L. 376'
Kingwood Oil Company	Dodd #16-W	10°N 10°W SEc NE NW Sec. 6 6S 7E.	Cypress 2670'-2710' Benoist 2860'-2890'	G.L. 382'
Kingwood Oil Company	Dodd #20-W	25°N 10°E SWc SE NW Sec. 6 6S 7E.	Aux Vases 2980'-2990' Benoist 2860'-2890'	G.L. 375'
Marathon Oil Company	B. F. Johnson #18-W	1320°N 340°W SEc NE Sec. 6 6S 7E.	Aux Vases 2990'-3005' Cypress 2700'-2735' Benoist 2900'-2930'	G.L. 404'

The Pure Oil Company	H. H. Phillips—A #14-W(C).....	50°N 50°E SWc NW NW Sec. 6 6S 7E.....	Upper Cypress 2695'-2710' Benoist 2915'-2930' Aux Vases 3000'-3020' Cypress 2700'-2735' Benoist 2900'-2930' Aux Vases 2990'-3035' Cypress 2730'-2750' Benoist 2900'-2925' Aux Vases 3020'-3060' Cypress 2670'-2700' Benoist 2890'-2930'	G.L. 378'
Marathon Oil Company	F. R. Wilson Cons. #12-W.....	550°S 70°W NEc NW NE Sec. 6 6S 7E.....	Benoist 2884'-2914'-3053' U. Cypress 2801'-2973' Benoist 2869'-2914'	G.L. 405'
Kingwood Oil Company	Wilson #23-W.....	30°S 10°W NEc SE Sec. 6 6S 7E.....	Benoist 2900'-2925'	G.L. 384'
Kingwood Oil Company	Wilson #27-W.....	5°N 30°W SEc NW SE Sec. 6 6S 7E.....	Aux Vases 2900'-2990' Benoist 2884'-2914'-3053' U. Cypress 2801'-2973' Benoist 2869'-2914'	G.L. 370'
Texaco Inc.	*J. Clark #6 Tract 12.....	330°N 330°W SEc SW NW Sec. 7 6S 7E.....	Aux Vases 2950'-3044'	G.L. 388'
Texaco Inc.	J. Clark #9 Tract 12.....	47°S 15°E NWc SE NW Sec. 7 6S 7E.....	Benoist 2869'-2914'	G.L. 379'
Texaco Inc.	*M. Davis NCT-2-#5 Tract 13.....	330°N 330°W SEc NW Sec. 7 6S 7E.....	Aux Vases 2950'-3044'	G.L. 379'
Texaco Inc.	*M. Davis NCT-1-#6 Tract 14.....	330°N 330°W SEc NW NE Sec. 7 6S 7E.....	Hardinsburg 2495'-2517' Cypress 2704'-2718' Benoist 2848'-2879'	G.L. 379'
Texaco Inc.	*M. Davis NCT-1-#9 Tract 14.....	330°N 330°W SEc NE NE Sec. 7 6S 7E.....	Aux Vases 2940'-3040'	G.L. 375'
Texaco Inc.	M. Davis #15 Tract 14.....	6°S 77°E NWc NE Sec. 7 6S 7E.....	Benoist 2850'-2895' Upper Cypress 2652'-2665' Benoist 2842'-2887'	G.L. 372'
Texaco Inc.	M. Davis #16 Tract 13.....	45°S 98°W NEc SE NW Sec. 7 6S 7E.....	Aux Vases 2943'-2966' Hardinsburg 2492'-2506' Upper Cypress 2660'-2668' Benoist 2849'-2893'	G.L. 378'
Texaco Inc.	*I. Dudley #1 (Tract 23).....	996°S 333°W NEc SW Sec. 7 6S 7E.....	Benoist 2894'-2928'	G.L. 379'
Texaco Inc.	*S. Fairweather "A" #1 Tract 22.....	1002°S 963°E NWc SW Sec. 7 6S 7E.....	Aux Vases 3003'-3038' Benoist 2899'-2929'	G.L. 390'
Texaco Inc.	*R. R. Johnson NCT-1-#3 Tract 24.....	330°N 330°W SEc NW SE Sec. 7 6S 7E.....	Aux Vases 3006'-3087' Benoist 2873'-2915'	G.L. 338'
Texaco Inc.	*R. R. Johnson #5 Tract 24.....	330°N 330°E SWc NE SE Sec. 7 6S 7E.....	Aux Vases 2975'-3040'	G.L. 375'
Texaco Inc.	*R. R. Johnson NCT-1-#9 Tract 24.....	330°N 330°W SEc NE SE Sec. 7 6S 7E.....	Upper Hardinsburg 2471'-2504' Benoist 2877'-2916'	G.L. 374'
Texaco Inc.	*J. Kern #5 Tract 31.....	330°N 330°W SEc SW Sec. 7 6S 7E.....	Aux Vases 2989'-3030' Upper Cypress 2729'-2744' Benoist 2898'-2934'	G.L. 372'
Texaco Inc.	*J. Kern #7 Tract 31.....	330°N 330°W SEc SW SW Sec. 7 6S 7E.....	Aux Vases 3008'-3047' Benoist 2919'-2949'	G.L. 382'
Texaco Inc.	K. Mayberry #6 Tract 33.....	340°N 330°W SEc SW SE Sec. 7 6S 7E.....	Aux Vases 3017'-3053' Benoist 2899'-2916'	G.L. 387'
Texaco Inc.	K. Mayberry #7 Tract 33.....	375°N 330°W SEc Sec. 7 6S 7E.....	Aux Vases 3011'-3021' Benoist 2901'-2925' Aux Vases 2986'-3006'	G.L. 381'
				G.L. 371'

WATER INPUT WELLS—Continued
(Permits issued in 1964)

Operator	Well (* = Converted Well)	Location	Formation	Elev.
HAMILTON COUNTY—Concluded				
Texaco Inc.	*A. Ritcheson #6 Tract 15.	330°N 330°W SEc NE Sec. 7 6S 7E.	Benoist 2883'-2907' Aux Vases 2975'-3003' Upper Cypress 2677'-2693' Henoist 2859'-2881'	G.L. 376'
Texaco Inc.	A. Ritcheson #7 Tract 15.	363°N 292°W SEc SW NE Sec. 7 6S 7E.		G.L. 382'
Texaco Inc.	*M. Davis NCT-1-#13 Tract 14.	330°N 330°W SEc NW NW Sec. 8 6S 7E.	Benoist 2904'-2921' Aux Vases 2993'-3038'	G.L. 372'
Texaco Inc.	C. W. Hall #4 Tract 25.	330°N 330°W SEc NW SW Sec. 8 6S 7E.	Benoist 2900'-2912' Aux Vases 3013'-3025'	G.L. 373'
W. C. McBride, Inc.	*Benefield-Arnold #3.	330°S 330°E NWc SE SW Sec. 16 6S 7E.	Aux Vases 3080'-3090'	G.L. 360'
JASPER COUNTY				
John M. Zanetis.	*Hines-Ochs "A" Unit #1.	330°N 1650°W SEc Sec. 4 6N 10E.	Rosiclare 2794'-2803'	G.L. 494'
John M. Zanetis.	*Ochs Consolidated #2.	990°S 2310°W NEc SE Sec. 4 5N 10E.	Rosiclare 2783'-2809'	G.L. 500'
JEFFERSON COUNTY				
Texaco Inc.	*U. S. Hunt #2 Tract 9.	330°S 330°E NWc SW SW Sec. 13 1S 3E.	Rosiclare 2705'-2714' McClosky 2748'-2757'	G.L. 552'
Texaco Inc.	*M. E. Hunt #1 Tract 8.	330°S 660°W NEc SE SE Sec. 14 1S 3E.	Producing—McClosky Rosiclare 2716'-2720'	G.L. 569'
Texaco Inc.	*McKinney-Riggs Comm. #2 Tract 6.	330°N 330°E SWc NW SE Sec. 14 1S 3E.	McClosky 2712'-2733'	G.L. 551'
Illinois Lease Operating, Inc.	*Fried Whitson #1.	330°S 330°W NEc NW Sec. 21 1S 3E.	McClosky 2718'-2733'	G.L. 568'
Texaco Inc.	*W. P. Green NCT-1-#2 Tract 3.	330°S 330°W NEc NW Sec. 22 1S 3E.	McClosky 2699'-2700'	G.L. 595'
Texaco Inc.	*W. P. Green NCT-1-#3 Tract 3.	330°S 330°W NEc SE NE Sec. 22 1S 3E.	O'Hara 2685'-2688'	
Texaco Inc.	*W. R. Harris #1 Tract 22.	330°S 330°W NEc SE SE Sec. 22 1S 3E.	Rosiclare 2697'-2705'	G.L. 581'
Texaco Inc.	*V. Green #2 Tract 14.	320°S 330°W NEc NW NE Sec. 23 1S 3E.	McClosky 2758'-2834'	G.L. 607'
Texaco Inc.	*McKinney-Meyers Comm. #1 Tract 15.	330°S 330°W NEc SE NE Sec. 23 1S 3E.	McClosky 2740'-2802'	G.L. 580'
Texaco Inc.	*N. Scott #1 Tract 17.	330°S 330°W NEc SE NE Sec. 23 1S 3E.	McClosky 2750'-2804'	G.L. 586'
Illinois Lease Operating, Inc.	*Wiegand-Marlow #1.	330°S 330°E NWc NE SW Sec. 3 2S 4E.	Rosiclare 2675'-2690'	G.L. 535'
Eastex Petroleum Company.	*Novak #2.	330°S 330°W NEc SW NW Sec. 14 2S 4E.	McClosky 2932'-2939'	G.L. 479'
E. A. O'Brien d/b/a	*Flanagan #6.	330°S 330°E NWc SE NE Sec. 10 3S 2E.	Aux Vases 2876'-2900'	G.L. 454'
E. A. O'Brien d/b/a	*Flanagan #3-A.	380°S 380°W NEc SE NE Sec. 10 3S 2E.	Aux Vases 2552'-2554'	D.F. 452'
Warrior Oil Company			Aux Vases 2540'-2550'	D.F. 440'

E. A. Obering d/b/a Warrior Oil Company	*McLaughlin #3	330°S 330°W NEc NW SE Sec. 10 3S 2E.	Aux Vases 2540'-2551'	D.F. 437'
E. A. Obering d/b/a Warrior Oil Company	*A. A. Hiron, Jr. #4	330°N 330°W SEc NW NW Sec. 11 3S 2E.	Aux Vases 2555'-2564'	D.F. 450'
E. A. Obering d/b/a Warrior Oil Company	*Pigg #1	330°S 330°E NWc SW Sec. 11 3S 2E.	Aux Vases 2561'-2572'	G.L. 505'
Farrar Oil Company	*T. P. Ward #2	330°S 330°E NWc SW Sec. 27 3E 3S.	Aux Vases 2753'-2750'	G.L. 490, 5'
Farrar Oil Company	*T. P. Ward #3	330°N 330°W SEc NE SW Sec. 27 3S 3E.	Aux Vases 2753'-2771'	D.F. 489'
Farrar Oil Company	*Willmore #1-A	330°N 330°W SEc NE SW Sec. 27 3S 3E.	Aux Vases 2757'-2755'	D.F. 451'
Farrar Oil Company	*N. Adams #4	330°S 330°E NWc NE SW Sec. 34 3S 3E.	Aux Vases 2718'-2737'	G.L. 536'
Farrar Oil Company	*Story #2	330°S 330°W NEc SE SW Sec. 34 3S 3E.	Aux Vases 2708'-2730'	G.L. 405'
Farrar Oil Company	*Story #3	330°N 330°W SEc SW Sec. 34 3S 3E.	Aux Vases 2710'-2729'	
H. Double L. Oil Development	*V. R. Richardson #1	330°S 330°E NWc Sec. 2 3S 4E.	McClosky 3102'-3112'	
Kewanee Oil Company	*Threl B #2-WL	330°N 990°E SWc SE Sec. 23 4S 2E.	McClosky 2771'-2784'	
LAWRENCE COUNTY				
Logan Oil Company	*Wilson "B" #1	848°N 1211°E NWc SE Sec. 20 2N 11W.	Benoist 1860'-1871'	G.L. 443'
Marathon Oil Company	L. A. Buchanan #NN-13	50°S 74°W NEc NW NE Sec. 2 2N 12W.	Kirkwood 1590'-1640'	G.L. 509'
Marathon Oil Company	J. B. Kerr, Tr. #LL-13	50°S 78°W NEc NW Sec. 2 2N 12W.	Kirkwood 1590'-1640'	G.L. 501'
Illinois Oil Company	*J. W. Buchanan #0-1	330°N 330°W SEc NE SW Sec. 12 2N 12W.	Benoist 1795'-1808'	G.L. 473'
Illinois Oil Company	*J. Diver #0-3	915°S 330°E NWc NE SE Sec. 12 2N 12W.	Tar Springs 1312'-1339'	G.L. 441'
Illinois Oil Company	*E. Spidel #0-2	915°S 330°W NEc NW SE Sec. 12 2N 12W.	Benoist 1770'-1782'	G.L. 438'
Illinois Oil Company	*G. Spidel #0-2	330°N 330°W SEc SW Sec. 12 2N 12W.	Benoist 1785'-1808'	G.L. 463'
Illinois Oil Company	*G. Spidel #0-6	330°N 990°W SEc SW Sec. 12 2N 12W.	Bridgeport 960'-975'	G.L. 453'
Wayne Smith, Operator	*Olen Vanwey #W-4	660°S 660°E NWc NE Sec. 26 2N 12W.	Behl 1300'-1320'	G.L. 427'
John M. Zanetis	Hudson "B" #W-1	1390°N 660°E SWc Sec. 18 3N 11W.	Jordan 1340'-1350'	G.L. 461'
John M. Zanetis	Hudson "B" #W-2	1390°N 1320°E SWc Sec. 18 3N 11W.	Cypress 1540'-1620'	G.L. 475'
John M. Zanetis	*John L. Hudson Eval #3	330°N 1650°E SWc Sec. 18 3N 11W.	Cypress 1555'-1635'	G.L. 498'
H. & M. O. Company	Wayne Hirs #W-1	2421°N 1657°W SEc of Location 1	Cypress 1576'-1654'	G.L. 493'
E. L. Whitmer	Decatur Investment #W-3	Sec. 28 3N 11W.	Roselare 1920'-1930'	G.L. 406, 6'
Wayne Smith, Operator	*Oscar Leighty #L-W	0°N 0°E SWc SE NE Sec. 23 3N 11W.	McClosky 1850'-1900'	G.L. 448'
Marathon Oil Company	*Phillip Moore #LL-7	330°S 330°E SWc NEc NW Sec. 31 3N 11W.	Lower Cypress 1850'-1601'	G.L. 503'
Marathon Oil Company	Phillip Moore #MM-7	1320°S 50°E NWc SW Sec. 4 3N 12W.	Kirkwood 1530'-1560'	G.L. 478'
Marathon Oil Company	S. N. Cooper A/C 1 #EM-3	1310°S 660°E NWc SW Sec. 4 3N 12W.	Kirkwood 1550'-1560'	G.L. 478'
Marathon Oil Company	S. N. Cooper A/C 1 #EM-3	14°S 5°W NEc SW NW Sec. 5 3N 12W.	Kirkwood 1370'-1400'	G.L. 511'
Marathon Oil Company	S. N. Cooper A/C 1 #CM-5	25°S 50°E NWc SW Sec. 5 3N 12W.	McClosky 1630'-1670'	G.L. 479'
Marathon Oil Company	S. N. Cooper A/C 1 #CG-6	690°S 45°W NEc SW Sec. 5 3N 12W.	Bridgeport 1000'-1050'	G.L. 496'
Marathon Oil Company	S. N. Cooper A/C 1 #EM-7	10°N 1320°W SEc NE SW Sec. 5 3N 12W.	Kirkwood 1370'-1400'	G.L. 465'

WATER INPUT WELLS—Continued
(Permits Issued in 1964)

Operator	Well (*—Converted Well)	Location	Formation	Elev.
LAWRENCE COUNTY—Continued				
Marathon Oil Company...	S. M. Eshelman #JJ-2.....	665°S 20°W NEc NW NW Sec. 5 3N 12W.....	Kirkwood 1400'-1450'	G.L. 463'
Marathon Oil Company...	S. Newell #GG-8.....	700°N 30°W SEc SW Sec. 5 3N 12W.....	Paint Creek 1475'-1525'	G.L. 467'
Marathon Oil Company...	J. R. King a/o 1 #EM-9.....	55°S 1297°W NEc NW Sec. 8 3N 12W.....	Kirkwood 1420'-1480'	G.L. 467'
The Bradley Producing Corp.....	J. A. Sead #W-710.....	30°N 30°W SEc Sec. 10 3N 12W.....	Paint Creek 1530'-1550'	G.L. 471'
	McPherson W #1.....	1310°S 10°E NWc NE SE Sec. 11 3N 12W.....	McClusky 1600'-1710'	G.L. 471'
Roger Kirkwood.....	Roger Kirkwood #Eal 4W-F. 101.....	30°S 640°E NWc Sec. 13 3N 12W.....	Paint Creek 1610'-1640'	G.L. 429.2'
Roger Kirkwood.....	Roger Kirkwood #Eal 4W-F. 102.....	1390°S 640°E NWc Sec. 13 3N 12W.....	Kirkwood 1550'-1580'	G.L. 431'
Roger Kirkwood.....	Roger Kirkwood #Eal 4W-F. 103.....	30°N 640°E NWc Sec. 13 3N 12W.....	Kirkwood 1520'-1560'	G.L. 430'
Marathon Oil Company...	W. B. Gillespie #KK-25.....	50°N 660°W SEc SW Sec. 14 3N 12W.....	Kirkwood 1520'-1560'	G.L. 428'
Roger Kirkwood.....	L. Kirkwood #W-4 (WF-104).....	1°S 1094°E NWc NE NE Sec. 14 3N 12W.....	Kirkwood 1510'-1570'	G.L. 419'
John M. Zanetis.....	L. R. Carlson #W-1.....	50°N 10°W SEc SW NE Sec. 15 3N 12W.....	Paint Creek 1590'-1590'	G.L. 422.3'
John M. Zanetis.....	Carlson #2-W.....	725°N 630°W SEc SW NE Sec. 15 3N 12W.....	McClusky 1580'-1580'	G.L. 421'
John M. Zanetis.....	Carlson #W-3.....	50°S 1310°E NWc NE Sec. 15 3N 12W.....	Buchanan 1320'-1345'	G.L. 427'
John M. Zanetis.....	Carlson #W-4.....	50°S 660°E NWc NE Sec. 15 3N 12W.....	Cypress 1535'-1580'	G.L. 427'
David Rotstein.....	Gillespie #10-1.....	5°S 5°E NWc SE SE Sec. 15 3N 12W.....	Buchanan 1290'-1330'	G.L. 420'
Marathon Oil Company...	Lee Gillespie A/C 2 #GM-17.....	73°S 74°W NEc Sec. 15 3N 12W.....	Cypress 1525'-1565'	G.L. 419'
Marathon Oil Company...	Walter Gillespie #QQ-18.....	660°S NEc NW Sec. 16 3N 12W.....	McClusky 1760'-1765'	G.L. 419'
David Rotstein.....	*M. L. Calvert #1.....	330°S 330°W NEc SW NE Sec. 22 3N 12W.....	Cypress 1520'-1570'	G.L. 428.35'
Marathon Oil Company...	T. P. Gillespie #LM-25.....	74°S 10°W NEc NW Sec. 23 3N 12W.....	Kirkwood 1510'-1560'	G.L. 431'
Marathon Oil Company...	T. P. Gillespie #JJ-26.....	660°S 1320°W NEc NW Sec. 23 3N 12W.....	Paint Creek 1620'-1630'	G.L. 446'
			McClusky 1760'-1775'	D.F. 488'
			Paint Creek 1710'-1740'	G.L. 428'
			McClusky 1825'-1875'	G.L. 428'
			Cypress 1900'-1910'	G.L. 428'
			Kirkwood 1510'-1570'	G.L. 428'
			Paint Creek 1640'-1660'	G.L. 428'
			McClusky 1750'-1780'	G.L. 428'
			Kirkwood 1510'-1570'	G.L. 428'
			Paint Creek 1640'-1660'	G.L. 428'

Marathon Oil Company.....	R. Gould #NN-29.....	24°S 1336'E NWc SE Sec. 23 3N 12W.....	Kirkwood 1535'-1575' Paint Creek 1650'-1675'.....	G.L. 435'
Marathon Oil Company.....	R. Gould #NN-30.....	660°S 1336'E NWc SE Sec. 23 3N 12W.....	Kirkwood 1535'-1575' Paint Creek 1650'-1675'.....	G.L. 440'
Marathon Oil Company.....	John Mieuire #PP-33.....	84°N 701'E SWc SE SE Sec. 23 3N 12W.....	Kirkwood 1550'-1610' Paint Creek 1680'-1700'.....	G.L. 461'
Marathon Oil Company.....	G. L. Ryan A/C 1 #NN-26.....	660°S 1328'E NWc NE Sec. 23 3N 12W.....	Kirkwood 1535'-1575' Paint Creek 1650'-1675'.....	G.L. 428'
Marathon Oil Company.....	G. L. Ryan A/C 1 #NN-28.....	660°N 1336'E SWc NE Sec. 23 3N 12W.....	Kirkwood 1535'-1575' Paint Creek 1650'-1675'.....	G.L. 432'
Wayne Smith, Operator.....	Ruth Hayward #RR-37.....	15°N 760°E SWc NW Sec. 25 3N 12W.....	Cypress 1600'-1630' Benoist 1690'-1720'.....	G.L. 491'
Marathon Oil Company.....	A. Vandernark #RR-2.....	980°S 660°E NWc SW Sec. 25 3N 12W.....	Kirkwood 1585'-1650' Paint Creek 1700'-1725'.....	G.L. 520'
Marathon Oil Company.....	A. Vandernark #SS-3.....	1000°N 930°W SEc SW Sec. 25 3N 12W.....	Kirkwood 1555'-1650' Paint Creek 1700'-1725'.....	G.L. 529'
Marathon Oil Company.....	Geo. Gray A/C 2 #LM-35.....	1340°S 10°E NWc NE Sec. 26 3N 12W.....	Kirkwood 1530'-1590' Paint Creek 1650'-1670' McClusky 1750'-1800'.....	G.L. 461'
W. C. McBride, Inc.....	H. D. Hinkle #GG-36.....	635°N 50°E SWc NW Sec. 26 3N 12W.....	Kirkwood 1520'-1535' Paint Creek 1625'-1635'.....	G.L. 474'
W. C. McBride, Inc.....	H. D. Hinkle #LL-36.....	660°N 10°W SEc NW Sec. 26 3N 12W.....	Kirkwood 1570'-1585' Paint Creek 1685'-1695'.....	G.L. 468'
Marathon Oil Company.....	E. Leighty A/C 1 #JM-3.....	1320°S 1320°E NWc SW Sec. 26 3N 12W.....	Kirkwood 1552'-1615' Paint Creek 1682'-1695' McClusky 1800'-1815'.....	G.L. 520'
Marathon Oil Company.....	E. Leighty A/C 1 #JJ-2.....	660°S 1350°E NWc SW Sec. 26 3N 12W.....	Kirkwood 1560'-1590' Paint Creek 1665'-1690'.....	G.L. 515'
Marathon Oil Company.....	E. Leighty A/C 1 #JJ-4.....	660°N 1320°E SWc Sec. 26 3N 12W.....	Kirkwood 1560'-1590' Paint Creek 1665'-1690'.....	G.L. 520'
Marathon Oil Company.....	E. Leighty A/C 3 #GG-4.....	660°N 80°W SEc Sec. 27 3N 12W.....	Kirkwood 1560'-1590' Paint Creek 1665'-1690'.....	G.L. 538'
Marathon Oil Company.....	W. E. Robins A/C 2 #GG-2.....	660°S 50°W NEc SE Sec. 27 3N 12W.....	Kirkwood 1560'-1590' Paint Creek 1665'-1690'.....	G.L. 480'
Marathon Oil Company.....	H. H. Gould #GG-9.....	15°N 96°W SEc NE Sec. 34 3N 12W.....	Kirkwood 1560'-1590' Paint Creek 1665'-1690'.....	G.L. 521'
Marathon Oil Company.....	Joseph Gray #GG-11.....	5°S 94°W NEc SE Sec. 34 3N 12W.....	Kirkwood 1560'-1590' Paint Creek 1665'-1690'.....	G.L. 493'
Marathon Oil Company.....	L. A. Vandernark #GG-7.....	10°N 90°W SEc NE NE Sec. 34 3N 12W.....	Kirkwood 1560'-1590' Paint Creek 1665'-1690'.....	G.L. 520'
Marathon Oil Company.....	A. L. Gould #PP-13.....	92°N 674°W SEc Sec. 35 3N 12W.....	Kirkwood 1590'-1640' Paint Creek 1675'-1720'.....	G.L. 493'
Marathon Oil Company.....	H. H. Gould #GG-8.....	660°S 50°E NWc SW NW Sec. 35 3N 12W.....	Kirkwood 1560'-1590' Paint Creek 1665'-1690'.....	G.L. 516'
Marathon Oil Company.....	H. H. Gould #GG-10.....	660°N 60°E SWc NW SW Sec. 35 3N 12W.....	Kirkwood 1560'-1590' Paint Creek 1665'-1690'.....	G.L. 502'
Marathon Oil Company.....	H. H. Gould #JJ-10.....	660°N 10°W SEc NW SW Sec. 35 3N 12W.....	Kirkwood 1540'-1575' Paint Creek 1640'-1670'.....	G.L. 487'
Marathon Oil Company.....	*W. A. Gould #KR-10.....	314°N 330°W SEc NE SW Sec. 35 3N 12W.....	Ridgley 1216'-1238'.....	G.L. 483'

WATER INPUT WELLS—Continued
(Permits issued in 1964)

Operator	Well (* = Converted Well)	Location	Formation	Elev.
LAWRENCE COUNTY—Continued				
Marathon Oil Company	Laura J. Jenner A/C 1 #MM-13	96°N 69°E SWc SE Sec. 35 3N 12W	Kirkwood 1590'-1640'	G.L. 509'
Marathon Oil Company	L. K. Leighty A/C 1 #GG-6	710°S 50°E NWc Sec. 35 3N 12W	Paint Creek 1675'-1720'	G.L. 523'
Marathon Oil Company	L. K. Leighty A/C 1 #QQ-9	10°S 10°W NEc SE Sec. 35 3N 12W	Kirkwood 1550'-1600'	G.L. 455'
Marathon Oil Company	L. K. Leighty A/C 1 #PP-9	660°W NEc SE Sec. 35 3N 12W	Paint Creek 1650'-1690'	G.L. 458'
Marathon Oil Company	C. E. Buchanan A/C 1 #SS-9	25°S 22°E NWc NE SW Sec. 36 3N 12W	Paint Creek 1650'-1690'	G.L. 445'
Marathon Oil Company	J. J. Gould A/C 2 #QQ-8	670°N 20°E SWc NW Sec. 36 3N 12W	Kirkwood 1550'-1600'	G.L. 450'
Marathon Oil Company	J. J. Gould A/C 2 #RR-8	660°N 650°E SWc NW Sec. 36 3N 12W	Paint Creek 1650'-1690'	G.L. 450'
Marathon Oil Company	J. J. Gould A/C 1 #RR-9	10°S 660°E NWc SW Sec. 36 3N 12W	Paint Creek 1650'-1690'	G.L. 450'
R. A. Harris	Withers-Pelham-State Comm. #WI-5	10°N 660°W SEc NW Sec. 36 3N 12W	Paint Creek 1650'-1690'	G.L. 447'
R. A. Harris	Withers-Pelham-State Comm. #WI-6	660°S 660°E NWc NE NW Sec. 36 3N 12W	Cypress 1575'-1595'	G.L. 444'
R. A. Harris	Withers-Pelham-State Comm. #WI-7	1320°S 660°E NWc NE NW Sec. 36 3N 12W	Benoist 1675'-1690'	G.L. 480'
R. A. Harris	Withers-Pelham-State Comm. #WI-8	660°N 660°W SEc NW Sec. 36 3N 12W	Cypress 1575'-1595'	G.L. 463'
Marathon Oil Company	A. R. Applegate Tr. #L-9	20°N 10°W SEc SW NW Sec. 18 4N 12W	Benoist 1675'-1690'	G.L. 448'
Marathon Oil Company	Perry King A/C 1 & 2 #K-9	15°S 645°W NEc NW SW Sec. 18 4N 12W	Kirkwood 1325'-1400'	G.L. 434'
Marathon Oil Company	C. C. Bowen #K-17	10°S 637°E NWc SW Sec. 19 4N 12W	Kirkwood 1365'-1425'	G.L. 428'
Marathon Oil Company	Geo. W. Cooper #N-15	1320°N 10°W SEc SW Sec. 19 4N 12W	Kirkwood 1275'-1400'	G.L. 435'
Marathon Oil Company	Geo. W. Cooper #JJ-17	10°N 50°E SWc NW Sec. 19 4N 12W	Kirkwood 1365'-1425'	G.L. 446'
Marathon Oil Company	Geo. W. Cooper #LL-17	10°N 1260°E SWc NW Sec. 19 4N 12W	McClosky 1610'-1620'	G.L. 435'
Marathon Oil Company	S. E. Hazel A/C 1 #N-16	660°N 10°E SWc NE Sec. 19 4N 12W	McClosky 1610'-1620'	G.L. 435'
Marathon Oil Company	F. P. Eshelman #W-22	660°S NWc NE Sec. 20 4N 12W	Kirkwood 1275'-1400'	G.L. 432'
Marathon Oil Company	J. D. Maddling #LL-27	1356°N 1289°W SEc SW Sec. 30 4N 12W	Jackson 1375'-1385'	G.L. 495'
			Kirkwood 1480'-1500'	

Marathon Oil Company	J. T. Griggs A/C 1 #JJ-1	35°N 1315'W SEc Sec. 32 4N 12W	Kirkwood 1370'-1400' Paint Creek 1480'-1500'	G.L. 462'
The Bradley Producing Corp.	Droll #W-535	2980'S 1360'W NEc NW Sec. 1 4N 13W	Jackson 1320'-1330'	G.L. 430.4'
The Bradley Producing Corp.	Droll #W-536	4107'S 1372'W NEc NW Sec. 1 4N 13W	Jackson 1305'-1320'	G.L. 430.8'
The Bradley Producing Corp.	Gray Heirs #W-134	4115'N 1310'W SEc Sec. 1 4N 13W	Jackson 1330'-1340'	G.L. 431.8'
Marathon Oil Company	A. R. Applegate Tr. #F-10	1389'N 1313'W SEc Sec. 12 4N 13W	Jackson 1290'-1310'	G.L. 435'
Marathon Oil Company	A. R. Applegate #G-10	1340'N 650'W SEc Sec. 12 4N 13W	McCluskey 1301'-1350'	G.L. 434'
Marathon Oil Company	G. W. McNeece #D-8	82°N 10'E SWc NE Sec. 12 4N 13W	Kirkwood 1330'-1400'	G.L. 443'
Marathon Oil Company	G. W. McNeece #E-8	10°N 660'E SWc NE Sec. 12 4N 13W	Kirkwood 1260'-1310'	G.L. 428'
The Bradley Producing Corp.	Tracy #W-132	10°S 1150'W NEc SE Sec. 36 5N 13W	Kirkwood 1360'-1370'	G.L. 429.15'
MACOURPIN COUNTY				
Joe Waitukaitis	Dehne #1	8°S 56'E NWc SE Sec. 16 7N 7W	Pennsylvanian 490'-500'	G.L. 626'
Joe Waitukaitis	Dehne #2	18°S 18'W NEc NW NW SE Sec. 16 7N 7W	Pennsylvanian 490'-500'	G.L. 621'
Joe Waitukaitis	Dehne #3-A	5°S 5'E NWc SW NW SE Sec. 16 7N 7W	Pennsylvanian 490'-500'	G.L. 621'
Sinclair Oil & Gas Company	*Edmond W. Ellis #7	330°S 330'W NEc NW Sec. 27 3N 6W	Trenton 2345'-2302'	
MADISON COUNTY				
Texaco Inc.	Frankle-Meyer Unit #3 (Tract 5)	380°S 330'W NEc SW SE Sec. 3 1N 1E	Rosiclare 1925'-1935'	G.L. 510'
William J. Pfeffer	Pfeffer Unit #4	5°S 660'W NEc SE NW Sec. 8 1N 1E	McCluskey 1902'-1972'	G.L. 485'
Texaco Inc.	*City of Centralia, Tract 152 #7	765°S 24'E NWc Sec. 4 1N 2E	Petro 795'-870'	G.L. 512'
Texaco Inc.	*City of Centralia, Tract 152 Well #71	1012°S 1054'E NWc NE Sec. 5 1N 2E	Aux Vases 1855'-1870'	G.L. 517'
Texaco Inc.	*C. E. Richardson "B" Tract 171 #13	340°N 135'W SEc NE Sec. 5 1N 2E	McCluskey 1935'-1939'	G.L. 521'
Texaco Inc.	*C. E. Richardson "B" Tract 171, Well #14	1540°N 350'W SEc Sec. 5 1N 2E	Aux Vases 1852'-1914'	G.L. 530'
Texaco Inc.	*C. E. Bundy, Tract 144, #1	330°S 200'W NEc SE Sec. 5 1N 2E	Aux Vases 1873'-1926'	G.L. 528'
Texaco Inc.	*C. E. Bundy, Tract 144, #11	330°S 330'E NWc SE NW Sec. 6 1N 2E	Aux Vases 1806'-1828'	G.L. 514'
Texaco Inc.	*G. S. Johnson "B" Tract 179 #45	660°N 330'W SEc SW NE Sec. 6 1N 2E	Aux Vases 1797'-1822'	G.L. 521'
Texaco Inc.	*G. S. Johnson "B" Tract 179 #16	999°S 330'E NWc SE Sec. 6 1N 2E	Aux Vases 1811'-1832'	G.L. 521'
Texaco Inc.	*O. E. Johnson, Tract 178 Well #48	330°S 330'E NWc SE Sec. 6 1N 2E	Aux Vases 1814'-1839'	G.L. 517'
Texaco Inc.	*C. E. Richardson "A" Tract 177 #6	50°N 50'E SWc SE Sec. 6 1N 2E	Aux Vases 1777'-1804'	G.L. 524'
Texaco Inc.	*W. B. Carr "B" Tract 186 Well #7	330°S 665'E NWc NE NE Sec. 7 1N 2E	Benoist 1720'-1736'	G.L. 523'

WATER INPUT WELLS—Continued
(Permits Issued in 1964)

Operator	Well (* = Converted Well)	Location	Formation	Elev.
MARION COUNTY—Continued				
Texaco Inc.	*J. N. Foster, Tract 220 #1	330°S 330°E NWc SE SE Sec. 7 1N 2E	Benoist 1791'-1828'	G.L. 534'
Texaco Inc.	*C. S. Johnson, Tract 187 Well #7	330°S 330°E NWc SE SE Sec. 7 1N 2E	Benoist 1742'-1779'	G.L. 537'
Texaco Inc.	R. L. Murray, Tract 221 Well #7	330°S 330°E NWc SE SE Sec. 7 1N 2E	Aux Vases 1837'-1877'	G.L. 527'
Texaco Inc.	A. N. Richardson, Tract 184 Well #5	330°S 330°E NWc SE SE Sec. 7 1N 2E	Aux Vases 1804'-1832'	G.L. 524'
Texaco Inc.	*M. A. Tate "A", Tract 185 Well #10	330°N 330°E NWc SE SE Sec. 7 1N 2E	Aux Vases 1828'-1869'	G.L. 525'
Texaco Inc.	*M. E. Wilson, Tract 219 Well #5	330°N 330°E NWc SE SE Sec. 7 1N 2E	Aux Vases 1853'-1893'	G.L. 535'
Texaco Inc.	W. B. Carr "C", Tract 188 Well #1	330°N 330°E NWc NW NW Sec. 8 1N 2E	Benoist 1743'-1769'	G.L. 531'
Texaco Inc.	*W. B. Carr "A", Tract 189 Well #4	330°N 330°E NWc NW NW Sec. 8 1N 2E	Aux Vases 1802'-1846'	G.L. 531'
Texaco Inc.	W. B. Carr "A", Tract 189 Well #5	330°N 330°E NWc NW NW Sec. 8 1N 2E	Benoist 1758'-1779'	G.L. 532'
Texaco Inc.	*W. B. Carr "C", Tract 188 Well #6	475°S 660°E NWc SE Sec. 8 1N 2E	Aux Vases 1803'-1838'	G.L. 531'
Texaco Inc.	*W. B. Carr "C", Tract 188 Well #8	725°S 1357°E NWc SE Sec. 8 1N 2E	Aux Vases 1822'-1871'	G.L. 528'
Texaco Inc.	*J. N. Foster, Tract 220 #5	330°N 330°E NWc NW NW Sec. 8 1N 2E	Benoist 1818'-1838'	G.L. 537'
Texaco Inc.	*V. L. Foster, Tract 218 Well #8	331°S 330°E NWc NW NW Sec. 8 1N 2E	Aux Vases 1854'-1902'	G.L. 543'
Texaco Inc.	*R. Fyke, Tract 217, Well #3	990°N 330°E NWc SE SE Sec. 8 1N 2E	Benoist 1820'-1864'	G.L. 542'
Texaco Inc.	R. Fyke, Tract 217, Well #19	668°S 330°E NWc NE NW Sec. 8 1N 2E	Aux Vases 1880'-1930'	G.L. 548'
Texaco Inc.	*B. Hawkins Comm. Tract 190 Well #4	315°N 420°W SEc NW Sec. 8 1N 2E	Aux Vases 1891'-1929'	G.L. 531'
Texaco Inc.	B. Hawkins Tract 176 Well #7	330°S 660°W NWc NW Sec. 8 1N 2E	Benoist 1775'-1791'	G.L. 531'
Texaco Inc.	*B. Hawkins Tract 176 #14	132°S 408°W NEc NW Sec. 8 1N 2E	Aux Vases 1833'-1869'	G.L. 531'
Texaco Inc.	*L. Hawthorne, Tract 191 Well #26	250°S 415°E NWc NW Sec. 8 1N 2E	Aux Vases 1836'-1872'	G.L. 528'
Texaco Inc.	*L. Hawthorne, Tract 191 Well #36	330°S 660°E NWc NW Sec. 8 1N 2E	Aux Vases 1852'-1877'	G.L. 517'
Texaco Inc.	*M. E. Wilson, Tract 219 Well #9	330°S 625°E NWc NW Sec. 8 1N 2E	Aux Vases 1891'-1940'	G.L. 512'
Opal Byars	*R. B. Garren #1	330°N 330°E NWc NW Sec. 10 1N 2E	Rosiclare 2110'-2140'	G.L. 560'
E. M. Self	*Somerville #3	330°N 330°E NWc NW Sec. 31 1N 2E	McClosky 2098'-2110'	G.L. 550'
Illinois Lease Operating, Inc.	*Rettighouse-Price Lease #7194	330°S 330°E NWc NW Sec. 20 2N 2E	Rosiclare 2135'-2141'	G.L. 531'
Texaco Inc.	*Salem State Bank-Tract 35 #2-A	380°S 330°E NWc NW Sec. 20 2N 2E	Aux Vases 1818'-1862'	G.L. 531'
Texaco Inc.	*Salem State Bank-Tract 35 Well #5-C	227°N 330°E NWc SE Sec. 20 2N 2E	Devonian 3343'-3420'	G.L. 530'
Texaco Inc.	*D. S. Young Heirs Tract 37 Well #3-C	391°N 659°W SEc SE Sec. 20 2N 2E	Devonian 3371'-3419'	G.L. 531'
Texaco Inc.	*M. Young Heirs—Tract 34 Well #43	306°N 1085°W SEc NW Sec. 20 2N 2E	Devonian 3410'-3457'	G.L. 523'
Texaco Inc.	*W. O. Whitwood Tract #7 #2	967°N 330°E NWc NW Sec. 21 2N 2E	McClosky 3065'-3070'	G.L. 528'
Texaco Inc.	*H. Young Tract 46 Well #40	337°N 330°E NWc NW Sec. 21 2N 2E	Devonian 3405'-3445'	G.L. 526'
Texaco Inc.	*H. Young Tract 46 Well #3	336°N 330°E NWc NW Sec. 21 2N 2E	Devonian 3448'-3514'	G.L. 517'
Texaco Inc.	*H. Young Tract 75 Well #1	334°N 330°E NWc NW Sec. 28 2N 2E	Aux Vases 1811'-1837'	G.L. 517'
Texaco Inc.	*H. Young Tract 75 Well #6	964°N 330°E NWc NW Sec. 28 2N 2E	Aux Vases 1832'-1878'	G.L. 517'
Texaco Inc.	*E. C. Brooks—Tract 72 #1	390°S 333°W NWc NW Sec. 29 2N 2E	Aux Vases 1790'-1863'	G.L. 534'
Texaco Inc.	*W. Fossack—Tract 73 Well #6	330°S 331°W NWc NW Sec. 29 2N 2E	Aux Vases 1790'-1846'	G.L. 517'

WATER INPUT WELLS—Continued
(Permits Issued in 1964)

Operator	Well (* = Converted Well)	Location	Formation	Elev.
RICHLAND COUNTY				
The Pure Oil Company	*South West Noble Unit— Ira Diel #2	330°S 330°W NEc NW SE Sec. 11 2N 8E	Rosiclare 2988'-3001'	G.L. 412'
Alva C. Davis Drilling Co.	*Slunaker #W-3	330°S 330°W NEc Frac. SW Sec. 7 2N 11E	McClosky 3271'-3278'	
N. A. Baldrige	*R. Paddock A-2	330°N 330°E SWc NW SE Sec. 9 3N 10E	Rosiclare 3105'-3115'	
N. A. Baldrige	*Shickmeyer #A-1	330°N 330°E SWc NE NE Sec. 16 3N 10E	Rosiclare 3125'-3135'	
John M. Zanettis	*Southeast Olney Unit— J. G. Scherer #3	660°S 330°E NWc NE Sec. 18 3N 11E	Rosiclare 3227'-3233'	G.L. 491'
The Bradley Producing Corp.	*Peter Klingler #1-W	678°N 330°W SEc NE Sec. 1 4N 9E	Aux Vases 2780'-2810'	G.L. 496'
The Pure Oil Company	*W. J. Myers #1	330°N 330°W SEc SW Sec. 13 4N 9E	Cypress 2579'-2594'	D.F. 515'
The Pure Oil Company	*Wakefield Unit: Mary B. Sparr #A-1	660°S 660°W NEc SE Sec. 23 4N 9E	Cypress 2546'-2555'	D.F. 513'
The Pure Oil Company	*Wakefield Unit: Mary B. Sparr #A-3	660°N 330°W SEc Sec. 23 4N 9E	Cypress 2534'-2604'	D.F. 507'
Bernard Podolsky	*Coen #3	330°S 330°W NEc SW Sec. 36 5N 9E	Aux Vases 2835'-2839'	G.L. 492'
The Pure Oil Company	*Homer C. Coen #6	330°S 330°W NEc SW SE Sec. 36 5N 9E	Aux Vases 2780'-2837'	D.F. 488'
The Pure Oil Company	*Homer C. Coen #9	330°N 330°E SWc SE Sec. 36 5N 9E	Aux Vases 2771'-2793'	D.F. 482'
Continental Oil Company	*J. Williamson #1	330°S 330°E NWc NE SW Sec. 28 5N 10E	McClosky 2888'-2892'	G.L. 473'
Continental Oil Company	*J. Williamson #4	30°S 30°W NEc SW Sec. 28 5N 10E	McClosky 2888'-2892'	G.L. 473'
Continental Oil Company	*C. Young #1	330°N 330°W SEc NE NW Sec. 33 5N 10E	McClosky 2877'-2887'	G.L. 449'
SALINE COUNTY				
Absher Oil Company	*Williams #1	330°S 330°W NEc SW SW Sec. 30 7S 5E	Aux Vases 3130'-3140'	G.L. 411'
Humble Oil & Refining Co.	*South Raleigh Unit #1-W	330°S 330°W NEc NE SW NW Sec. 20 8S 6E	Aux Vases 2840'-2863'	G.L. 389'
Humble Oil & Refining Co.	*South Raleigh Unit #3-W	330°S 330°W SEc NW Sec. 20 8S 6E	Aux Vases 2834'-2879'	G.L. 387'
Humble Oil & Refining Co.	*South Raleigh Unit #5-W	330°S 330°W NEc SW SW Sec. 20 8S 6E	Dedell 2782'-2784'	G.L. 384'
Bufay Oil Company	*Sprich-Lorch #1	373°S 330°E NWc NE Sec. 35 8S 6E	Waltersburg 2931'-2928'	
W. C. McBride, Inc.	*V. Hines #3 (Tract 16-5W)	660°S 30°E NWc NE SE Sec. 15 8S 7E	Waltersburg 2130'-2140'	G.L. 401'
Richard W. Fortis	*J. Jones #W-6	330°S 330°W NEc SW Sec. 20 8S 7E	Waltersburg 2106'-2118'	G.L. 395'
Don Durr	*Moran #2-A	330°S 330°E NWc Sec. 27 10N 8E	Aux Vases 1960'-1970'	G.L. 638.97'
WABASH COUNTY				
Universal Operating, Inc.	Lithlands-Smith Flood Unit W-2	274°N 200°W SEc NE SW SW Sec. 5 1N 12W	Bieh 1540'-1560'	G.L. 480'
Wayne Smith	*Taylor-Wheatley Community W-20	990°N 330°W SEc SE SW Sec. 7 1N 12W	Bieh and Jordan 1518'-1548'	G.L. 421'
L. & M. Oil Company	*Hahn W-2	600°S 860°E NWc SW NW Sec. 8 1N 12W	Bieh 1515'-1535'	
L. & M. Oil Company	*Lithland W-2	1980°S 330°E NWc Sec. 8 1N 12W	Bieh 1518'-1551'	
Charles E. Carr	John Payne W-4	15°N 575°E SWc NE SE Sec. 8 1N 12W	Bieh 1510'-1550'	G.L. 470'
Charles E. Carr	H. Payne W-5	200°N 6°W SEc SW NE Sec. 8 1N 12W	Bieh 1620'-1550'	G.L. 472'
Beullmann & Kieffer Bro.	*Farrell-Nichols-S. H. Price #1	143°N 963°W SEc NE Sec. 14 1N 12W	Bieh 1500'-1520'	G.L. 469.53'
Universal Operating, Inc.	*H. Robinson #W-6	717°N 560°E SWc NE Sec. 15 1N 12W	Bieh 1497'-1507'	G.L. 479'
Adams Oil Company	*G. D. Adams #4-W	880°S 330°E NWc NE NW Sec. 16 1N 12W	Cypress 1998'-2010'	G.L. 425'

Le & M. Oil Company.....	Hartwick-Beal Community #1-W.....	330°N 330°E SWc NW NW Sec. 19 1N 12W.....	Bieh 1541'-1557'.....	G.L. 423'
Hayes-Wolf Bros. Oil Co.....	*T. O. Foster #4 (5-W).....	330°N 330°E SWc SW SE Sec. 4 1N 13W.....	Benoist 2503'-2513'.....	G.L. 471'
Hayes-Wolf Bros. Oil Co.....	*Clint Guisewhite #2 (22-W).....	330°S 990°W NEc SE NW Sec. 4 1N 13W.....	Benoist 2523'-2537'.....	G.L. 477'
Hayes-Wolf Bros. Oil Co.....	*A. R. Hinderlir #7 (9-W).....	330°S 330°E NWc SE SW Sec. 4 1N 13W.....	Benoist 2517'-2537'.....	G.L. 484'
Hayes-Wolf Bros. Oil Co.....	*Bradford Jones #1 (6-W).....	330°N 330°E SWc NW Sec. 4 1N 13W.....	Benoist 2542'-2548'.....	G.L. 482'
Hayes-Wolf Bros. Oil Co.....	Eulalia Neikirk #1 (2-W).....	330°N 528°E SWc Sec. 4 1N 13W.....	Benoist 2546'-2560'.....	G.L. 482'
Hayes-Wolf Bros. Oil Co.....	Eulalia Neikirk #2 (3-W).....	1650°N 360°E SWc Sec. 4 1N 13W.....	Benoist 2532'-2536'.....	G.L. 469'
Hayes-Wolf Bros. Oil Co.....	*J. J. Odum #1 (12-W).....	330°N 330°E SWc Sec. 4 1N 13W.....	Benoist 2536'-2555'.....	G.L. 488'
Hayes-Wolf Bros. Oil Co.....	*Ellen Stockman #1 (11-W).....	330°S 210°E NWc SE Sec. 4 1N 13W.....	Benoist 2552'-2570'.....	G.L. 490'
Hayes-Wolf Bros. Oil Co.....	*Ellen Stockman #2 (10-W).....	330°S 1650°E NWc SE Sec. 4 1N 13W.....	Benoist 2522'-2536'.....	G.L. 489'
Hayes-Wolf Bros. Oil Co.....	*Robert Stockman #1 (8-W).....	330°N 330°E NWc NE NW Sec. 4 1N 13W.....	Benoist 2516'-2535'.....	G.L. 474'
Socony Mobil Oil Co., Inc.....	*Sharp-Wood #1.....	330°S 330°E NWc NE NW Sec. 4 1N 13W.....	Paint Creek 2531'-2561'.....	G.L. 495'
Socony Mobil Oil Co., Inc.....	*Sharp-Wood #2.....	330°S 330°E NWc NE NW Sec. 4 1N 13W.....	Paint Creek 2517'-2565'.....	G.L. 495'
Hayes-Wolf Bros. Oil Co.....	*Higgins-Foster #1 (4-W).....	330°S 330°E NWc NE NW Sec. 4 1N 13W.....	Benoist 2485'-2496'.....	G.L. 446'
Hayes-Wolf Bros. Oil Co.....	*T. O. Foster #2 (7-W).....	330°S 330°E NWc NE NW Sec. 9 1N 13W.....	Benoist 2507'-2522'.....	G.L. 453'
Hayes-Wolf Bros. Oil Co.....	A. R. Hinderlir #3 (1-W).....	330°S 330°E NWc NE NW Sec. 9 1N 13W.....	Benoist 2533'-2548'.....	G.L. 483'
Hayes-Wolf Bros. Oil Co.....	*John Hovermale, et al #1-A.....	330°S 330°E NWc NE NW Sec. 9 1N 13W.....	Benoist 2543'-2558'.....	G.L. 402'
Hayes-Wolf Bros. Oil Co.....	*O. E. Beal #1 (21-W).....	330°S 330°E NWc NE NW Sec. 36 2N 12W.....	Benoist 2546'-2569'.....	G.L. 501'
Hayes-Wolf Bros. Oil Co.....	*O. E. Beal #3 (14-W).....	330°S 330°E NWc NE NW Sec. 33 2N 13W.....	Benoist 2548'-2568'.....	G.L. 503'
Hayes-Wolf Bros. Oil Co.....	*A. P. Cooper #5 (13-W).....	330°S 330°E NWc NE NW Sec. 33 2N 13W.....	Benoist 2546'-2569'.....	G.L. 505'
Hayes-Wolf Bros. Oil Co.....	*Kate E. French #1 (20-W).....	330°S 330°E NWc NE NW Sec. 33 2N 13W.....	Benoist 2534'-2558'.....	G.L. 493'
Hayes-Wolf Bros. Oil Co.....	*L. S. Perrott #2 (16-W).....	330°S 330°E NWc NE NW Sec. 33 2N 13W.....	Benoist 2552'-2566'.....	G.L. 484'
Hayes-Wolf Bros. Oil Co.....	*Malatesta & Milligan #1 (17-W).....	330°S 330°E NWc NE NW Sec. 33 2N 13W.....	Benoist 2550'-2570'.....	G.L. 484'
Hayes-Wolf Bros. Oil Co.....	*George Wright #1 (18-W).....	330°S 330°E NWc NE NW Sec. 33 2N 13W.....	Benoist 2552'-2566'.....	G.L. 477'
Hayes-Wolf Bros. Oil Co.....	*George Wright #2 (14-W).....	330°S 330°E NWc NE NW Sec. 33 2N 13W.....	Benoist 2540'-2544'.....	G.L. 477'
Hayes-Wolf Bros. Oil Co.....	*Campbell Heirs #2.....	330°S 330°E NWc NE NW Sec. 33 2N 13W.....	Benoist 2534'-2546'.....	G.L. 435'
Socony Mobil Oil Co., Inc.....	*Campbell Heirs #3.....	330°S 330°E NWc NE NW Sec. 7 1S 12W.....	Cypress 2017'-2035'.....	G.L. 435'
Socony Mobil Oil Co., Inc.....	*W. Geiger #3 (Tract 2).....	330°S 330°E NWc NE NW Sec. 8 1S 12W.....	Bieh 1540'-1546'.....	G.L. 415'
Texaco Inc.....	*W. F. Steckler #5 (Tract 1).....	288°S 322°E NWc SE NW Sec. 8 1S 12W.....	Weller 2010'-2030'.....	G.L. 425'
Texaco Inc.....	*R. Stein #4.....	1350°S 55°W NWc NW Sec. 8 1S 12W.....	T. Springs 1714'-1745'.....	G.L. 443'
The Superior Oil Co.....	*E. & C. Crow Unit #12.....	330° from S/line 1233' from E/line of Chas. Crow Unit Sec. 9 1S 12W.....	Weller 2026'-2043'.....	G.L. 443'
The Superior Oil Co.....	*E. & C. Crow Community #15.....	275°S 32°W NWc SE NW Sec. 9 1S 12W.....	Bieh 1493'-1526'.....	D.F. 466'
The Superior Oil Co.....	*George-Zimmerman #10.....	330°S 170°E NWc NE NW Sec. 9 1S 12W.....	Cypress 2035'-2051'.....	G.L. 446'
Shell Oil Company.....	*Mt. Carmel Unit #10W.....	895°S 1018°E NWc SE Sec. 18 1S 12W.....	Tar Springs 1768'-75'.....	D.F. 434'
Shell Oil Company.....	*Mt. Carmel Valley Flood Unit #16W.....	330°S 750°E NWc NE NW Sec. 18 1S 12W.....	Tar Springs 1808'-1855'.....	G.L. 449'
Socony Mobil Oil Co., Inc.....	G. A. Sturman #W-2.....	330°S 990°W NEc Sec. 10 1S 13W.....	Bieh 1772'-1800'.....	G.L. 489'
Deall Carroll.....	Lewis Craig #4-A.....	1600°S 660°W NEc SW Sec. 11 1S 13W.....	Cypress 2280'-2290'.....	G.L. 448'
Deall Carroll.....	Lewis Craig #5-A.....	1600°S 1600°W NEc SE NW Sec. 11 1S 13W.....	Cypress 2290'-2300'.....	G.L. 450'
T. W. George.....	*Walter #1.....	330°N 330°E SWc NE SE Sec. 22 1S 13W.....	Benoist 2415'-2427'.....	G.L. 419'
T. W. George.....	*Spickerman #1.....	330°S 330°E NWc NE SE Sec. 27 1S 13W.....	Waltersburg 1923'-1927'.....	G.L. 419'
T. W. George.....	*B. Spickerman #7.....	330°S 330°W NEc SW NE NE Sec. 27 1S 13W.....	Benoist 2402'-2414'.....	G.L. 408'
T. W. George.....	*E. P. Steckler #2.....	50°N 300°W SWc SW NE Sec. 27 1S 13W.....	Waltersburg 1930'-1935'.....	G.L. 408'
T. W. George.....	*Stern #1.....	330°S 330°W NEc NW NE Sec. 27 1S 13W.....	Benoist 2415'-2423'.....	G.L. 406'
T. W. George.....	J. E. Wright #1 W1.....	280°N 990°W SEc SW SE Sec. 27 1S 13W.....	Waltersburg 1945'-1958'.....	G.L. 406'

WATER INPUT WELLS—Continued
(Permits Issued in 1964)

Operator	Well (* = Converted Well)	Location	Formation	Elev.
WABASH COUNTY—Continued				
Phillips Petroleum Co.	*North Maud Unit Tract #3 #W-1	330°N 330°E SWc SE SE Sec. 13 1S 14W	Upper Cypress 2495'-2505'	G.L. 415.80'
Phillips Petroleum Co.	*North Maud Unit Tract 6 #W-3	370°N 330°E SWc NE NE Sec. 24 1S 14W	Upper Cypress 2508'-2518'	G.L. 430.17'
Indiana Farm Bureau Coop. Assn., Inc.	*Schrodt Comm. #1 (W-10)	400°N 330°E SWc NE Sec. 3 2S 13W	O'Hara 2845'-2853'	
John B. Murvin	*Kurtz Community #1	330°S 330°E NWc SW SE Sec. 8 2S 13W	Cypress 2444'-2453'	
John B. Murvin	*Kurtz #1-B	330°S 330°E NWc NE Sec. 17 2S 13W	Cypress 2445'-2455'	
Texaco Inc.	*E. Compton #1 Tract 1	330°N 330°W SEc SW Sec. 19 2S 13W	Benoit 2650'-2660'	
Texaco Inc.	*S. Mussett NCT-1-A Tract 2	330°N 330°W SEc SW SE Sec. 19 2S 13W	Cypress 2420'-2430'	
Texaco Inc.	*S. Mussett "A" #4 Tract 2	333°N 378°W SEc SW SE Sec. 19 2S 13W	Benoit 2556'-2575'	
Texaco Inc.	*C. J. Stansfield #2 Tract 3	330°N 330°W SEc SW SE Sec. 19 2S 13W	Benoit 2450'-2470'	
Texaco Inc.	C. J. Stansfield #7 Tract #3	330°S 330°E NWc SE SE Sec. 19 2S 13W	Benoit 2451'-2469'	
Texaco Inc.	*Albert Gray #5 Tract 4	330°N 990°E SWc Sec. 20 2S 13W	Benoit 1716'-1727'	G.L. 422'
Texaco Inc.	*D. Elkins #4 Tract 20	330°S 330°E NWc SW SW Sec. 29 2S 13W	Benoit 1716'-1725'	G.L. 408'
Texaco Inc.	*D. Elkins #5 Tract 20	330°S 330°E NWc SW SW Sec. 29 2S 13W	Weiler 2450'-2466'	G.L. 420'
Texaco Inc.	*C. D. Elliott #1 Tract 17	492°S 1044°W NEc SW Sec. 29 2S 13W	Weiler 2450'-2470'	G.L. 418'
Texaco Inc.	*Douglas-Gray #2 (Tract 16)	365°N 16°W SEc NW SW Sec. 29 2S 13W	Benit 1748'-1758'	G.L. 415'
Texaco Inc.	*Jerry Gray #3 Tract 8	330°S 330°E NWc Sec. 29 2S 13W	Weiler 2465'-2474'	G.L. 427'
Texaco Inc.	W. Gray "B" #4 Tract 14	330°S 330°E NWc SW Sec. 29 2S 13W	Benit 1705'-1721'	G.L. 429'
Texaco Inc.	*S. Mussett NCT-2-#3C Tract 11	330°S 330°E NWc SW NW Sec. 29 2S 13W	Weiler 2453'-2465'	G.L. 421'
Texaco Inc.	*J. R. Schrodt #3 Tract 9	330°N 330°W SEc NW NW Sec. 29 2S 13W	Benit 1730'-1725'	G.L. 417'
Texaco Inc.	*D. Elkins #1 Tract 20	330°S 330°E NWc SE SE Sec. 30 2S 13W	Weiler 2460'-2468'	G.L. 417'
Texaco Inc.	*D. Elkins #6 Tract 20	330°N 330°W SEc NW NW Sec. 29 2S 13W	Weiler 2454'-2472'	G.L. 425'
Texaco Inc.	*Jerry Gray #5 (Tract 8)	330°N 330°W SEc NW NW Sec. 29 2S 13W	Weiler 2451'-2466'	G.L. 418'
Texaco Inc.	*W. Gray "A" NCT-1-#1 Tract 12	330°S 330°E NWc SE SE Sec. 30 2S 13W	Weiler 2441'-2456'	G.L. 428'
Texaco Inc.	*W. Gray "A" NCT-2-#3 Tract 15	330°S 330°W SEc NW NW Sec. 29 2S 13W	Weiler 2468'-2479'	G.L. 400'
Texaco Inc.	*W. Gray "B" #1 (Tract 14)	330°S 330°W SEc NW NW Sec. 30 2S 13W	Benit 1727'-1746'	G.L. 423'
Texaco Inc.	*W. Gray #3 Tract 19	330°S 330°E NWc SE SE Sec. 30 2S 13W	Weiler 2456'-2475'	G.L. 424'
Texaco Inc.	*W. Gray Comm. #1 Tract 13	330°S 330°W SEc NW NW Sec. 30 2S 13W	Weiler 2470'-2482'	G.L. 422'
Texaco Inc.	*W. Meredith #3 Tract 10	330°N 330°W SEc NW NW Sec. 30 2S 13W	Benit 1720'-1730'	G.L. 422'
Texaco Inc.		330°S 330°W NEc NW SE Sec. 30 2S 13W	Weiler 2457'-2469'	G.L. 417'
Texaco Inc.		330°S 330°E NWc NE SE Sec. 30 2S 13W	Benit 1724'-1737'	G.L. 420'
Texaco Inc.		330°N 330°W SEc SW SE Sec. 30 2S 13W	Weiler 2466'-2479'	G.L. 424'
Texaco Inc.		330°N 330°W SEc NW SE Sec. 30 2S 13W	Weiler 2468'-2480'	G.L. 420'
Texaco Inc.		330°N 330°W SEc NW SE Sec. 30 2S 13W	Weiler 2462'-2478'	G.L. 422'
Texaco Inc.		330°N 330°W SEc SW NE Sec. 30 2S 13W	Weiler 2470'-2488'	G.L. 423'

Texaco Inc.	*S. Mussett NCT-2-#3B Tract 11.	330°S 330°E NWc SE NE Sec. 30 2S 13W.	Biehl 1735'-1750'	G.L. 421'
Texaco Inc.	*S. Mussett "B" NCT-2-#4B Tract 11	330°N 330°W SEc NE Sec. 30 2S 13W	Weiler 2465'-2472'	G.L. 421'
Texaco Inc.	*P. Schuh #1 Tract 18.	330°N 330°W SEc SW Sec. 30 2S 13W	Biehl 1730'-1748'	G.L. 419'
Texaco Inc.	*C. E. Schultz #1 Tract 7.	330°N 330°W SEc NW Sec. 30 2S 13W	Weiler 2452'-2475'	G.L. 421'
Texaco Inc.	*C. E. Schultz #1-B Tract 6.	330°N 330°W SEc NE NW Sec. 30 2S 13W	Weiler 2482'-2490'	G.L. 425'
Texaco Inc.	*C. E. Schultz #4 Tract 7.	330°S 378°E NWc NE Sec. 30 2S 13W	Biehl 1720'-1740'	G.L. 423'
Texaco Inc.	*C. J. Stansfield #3-A Tract 3.	330°S 330°E NWc NE NE Sec. 30 2S 13W	Biehl 1720'-1730'	G.L. 431'
Texaco Inc.	*C. J. Stansfield #6 Tract 3.	330°N 330°W SEc NW NE Sec. 30 2S 13W	Weiler 2475'-2485'	G.L. 427'
Alva C. Davis Drilling Co.	*Ed. Eppler #3.	330°N 330°W SEc NW NE Sec. 30 2S 13W	Weiler 2472'-2482'	G.L. 424'
Alva C. Davis Drilling Co.	*George Garst "B" #1.	330°N 330°W NEc NW SE Sec. 34 2S 13W	Cypress 2390'-2405'	G.L. 393'
Alva C. Davis Drilling Co.	*Eckler #1.	330°N 315°E SWc NW SW Sec. 35 2S 13W	Cypress 2391'-2406'	G.L. 387'
			Cypress 2389'-2398'	G.L. 393'
WASHINGTON COUNTY				
W. C. McBride, Inc.	*B. B. Brown #2.	330°N 330°W SEc NW Sec. 23 1S 1W	Cypress 1423'-1427'	G.L. 537'
W. C. McBride, Inc.	W. E. Brown Unit #1-A.	50°S 330°E NWc NE SW Sec. 23 1S 1W	Benoist 1547'-1552'	G.L. 537'
Shell Oil Company.	*S. Beaucourt Flood Unit #10W	330°S 330°W NEc SW Sec. 33 2S 2W	Benoist 1544'-1550'	G.L. 536'
			Benoist 1416'-1432'	D.F. 534'
WAYNE COUNTY				
Kingwood Oil Company	*Talbert #3W.	330°S 330°W NEc SE SW Sec. 32 1N 6E	Aux Vases 3120'-3135'	G.L. 492'
Kingwood Oil Company	*Talbert #6W.	680°S 25°W NEc NW SE Sec. 32 1N 6E	Aux Vases 3115'-3130'	G.L. 490'
Kingwood Oil Company	*Toland #2W.	330°S 330°W NEc NW SW Sec. 32 1N 6E	Aux Vases 3108'-3116'	G.L. 482'
Kingwood Oil Company	*Talbert #7W.	40°S 45°W SEc NW Sec. 32 1N 6E	Aux Vases 3115'-3130'	G.L. 502'
Texaco Incorporated	C. Schofield #3 (Tract 76).	660°S 330°E NWc SE SE Sec. 34 1N 6E	Aux Vases 3026'-3044'	G.L. 465'
			McClosky 3151'-3159'	
The Pure Oil Company	*South Jordan School Unit—	654°S 330°W NEc Sec. 11 1N 7E	Aux Vases 2930'-2947'	G.L. 428'
	Carson Consolidated #1.			
The Pure Oil Company	*South Jordan School Unit—	587°S 330°W NEc SE Sec. 11 1N 7E	Aux Vases 2930'-2992'	G.L. 449'
	Monroe Harrington B #3.			
The Pure Oil Company	South Jordan School Unit—	660°S 330°E NWc NE SE Sec. 11 1N 7E	Aux Vases 2968'-2978'	G.L. 445'
	Monroe Harrington #B-6.			
The Pure Oil Company	*South Jordan School Unit—	330°S 330°W NEc SE NE Sec. 12 1N 7E	Aux Vases 2913'-2985'	D.F. 400'
	J. W. Barth-B #5.			
The Pure Oil Company	*South Jordan School Unit—	330°N 330°E SWc NE SE Sec. 12 1N 7E	Aux Vases 2942'-2996'	D.F. 414'
	J. W. Barth-B #6.			
The Pure Oil Company	*South Jordan School Unit—	667°S 991°E NWc Sec. 12 1N 7E	Aux Vases 2922'-2942'	G.L. 424'
	L. E. Harrington #1.			
The Pure Oil Company	*South Jordan School Unit—	559°S 330°E NWc Sec. 12 1N 7E	Aux Vases 2922'-2940'	G.L. 425'
	L. E. Harrington #2.			
The Pure Oil Company	*South Jordan School Unit—	672°S 955°E NWc SW Sec. 12 1N 7E	Aux Vases 2949'-2978'	G.L. 441'
	Monroe Harrington "C" #1.			
The Pure Oil Company	*South Jordan School Unit—	665°S 330°E NWc SW Sec. 12 1N 7E	Aux Vases 2958'-2975'	G.L. 441'
	Monroe Harrington "C" #2.			

WATER INPUT WELLS—Continued
(Permits Issued in 1964)

Operator	Well (* = Converted Well)	Location	Formation	Elev.
WAYNE COUNTY—Continued				
The Pure Oil Company	*South Jordan School Unit— Monroe Harrington B #5	330°S 330°E NWc SE NW Sec. 12 1N 7E	Aux Vases 2922'-2986'	G.L. 424'
The Pure Oil Company	South Jordan School Unit— Omer Johnson #2	330°N 330°E SWc SE SE Sec. 12 1N 7E	Aux Vases 2974'-2999'	G.L. 433'
The Pure Oil Company	*South Jordan School Unit— C. R. Orr—A #1	660°S 330°E NWc NE SW Sec. 12 1N 7E	Aux Vases 2940'-2967'	G.L. 430'
The Pure Oil Company	*South Jordan School Unit— C. R. Orr—A #2	330°S 330°W NEc SW Sec. 12 1N 7E	Aux Vases 2929'-2967'	G.L. 423'
The Pure Oil Company	*South Jordan School Unit— C. R. Orr A #3	330°N 330°W SEc NE SW Sec. 12 1N 7E	Aux Vases 2947'-3014'	D.F. 438'
The Pure Oil Company	*South Jordan School Unit— Gordon Perry—B #1	330°N 330°E SWc NE NW Sec. 12 1N 7E	Aux Vases 2912'-2983'	G.L. 420'
The Pure Oil Company	*South Jordan School Unit— Gordon Perry—A #2	990°N 990°E SWc SE Sec. 12 1N 7E	Aux Vases 2908'-3036'	G.L. 441'
The Pure Oil Company	*South Jordan School Unit— Gordon Perry A #3	330°N 330°E SWc SE Sec. 12 1N 7E	Aux Vases 2972'-3040'	G.L. 440'
The Pure Oil Company	*South Jordan School Unit— J. W. Reid #2	330°N 330°E SWc NE Sec. 12 1N 7E	Aux Vases 2932'-2961'	G.L. 418'
The Pure Oil Company	*South Jordan School Unit— J. W. Reid #5	330°N 330°E SWc NW SE Sec. 12 1N 7E	Aux Vases 2945'-2974'	G.L. 431'
The Pure Oil Company	*North Cisine Consolidated— Arthur Schiele #1	660°S 330°E NWc SE SW Sec. 22 1N 7E	Aux Vases 3030'-3060'	D.F. 452'
The Pure Oil Company	*North Cisine Consolidated— C. B. Clay #6	676°S 330°E NWc NE NE Sec. 27 1N 7E	Aux Vases 2991'-3040'	D.F. 447'
The Pure Oil Company	*North Cisine Cons.: Arthur Johnson #1	657°N 330°W SEc SW Sec. 27 1N 7E	Aux Vases 2985'-3050'	D.F. 434'
The Pure Oil Company	*North Cisine Cons.: Arthur Johnson #2	657°N 330°E SWc SE SW Sec. 27 1N 7E	Aux Vases 3025'-3050'	D.F. 444'
The Pure Oil Company	*North Cisine Cons.: Victor L. Lane #1	661°N 330°W SEc SW SW Sec. 27 1N 7E	Rosiclare 3090'-3104'	D.F. 432'
The Pure Oil Company	*North Cisine Consolidated— Arthur Schiele #2	679°N 333.5°E SWc NW NE Sec. 27 1N 7E	Aux Vases 3000'-3072'	D.F. 448'
The Pure Oil Company	*North Cisine Consolidated— O. A. Towns—A #1	676°S 333°W NEc NW NE Sec. 27 1N 7E	Aux Vases 2972'-2988'	D.F. 428'
Tamarack Pet. Co. Inc.	*West Geff Unit W-21	330°S 330°W NEc SE SW Sec. 33 1N 7E	Rosiclare & McClosky 3200'-3249'	G.L. 453'
The Pure Oil Company	*South Cisine Cons.: Roscoe Barnard A-1	660.5°N 330°E SWc NE Sec. 34 1N 7E	Aux Vases 3005'-3040'	D.F. 452'
The Pure Oil Company	South Cisine Cons.—Roscoe Barnard A-#2	330°S 330°W NEc SW NE Sec. 34 1N 7E	Aux Vases 2973'-3040'	D.F. 438'

The Pure Oil Company	*Zif Cons: J. R. Hubble A #2	486°S 685°E NWc Frac. NW Sec. 4 1N 8E.	Aux Vases 2907'-2973' McClosky 3097'-3135'	D.F. 452'
The Pure Oil Company	*Zif Cons: John Hubble #2	660°N 330°W SEc NW SW Sec. 4 1N 8E.	Aux Vases 2907'-2935'	D.F. 436'
The Pure Oil Company	*Zif Cons: John Hubble #6	650°S 330°E NWc SW Sec. 4 1N 8E.	Aux Vases 2906'-73'	D.F. 443'
The Pure Oil Company	Zif Cons: Lucy Hubble #3	660°S 330°E NWc SE Sec. 4 1N 8E.	Aux Vases 2944'-3007'	D.F. 454'
The Pure Oil Company	*Zif Cons: J. A. McCracken A #1	1610°S 2232°E NWc Frac. NW Sec. 4 1N 8E.	McClosky 3007'-3110'	D.F. 459'
The Pure Oil Company	*Zif Cons: J. A. McCracken A #5	1628°S 1002°E NWc Frac. NW Sec. 4 1N 8E.	Aux Vases 2915'-2975'	D.F. 451'
The Pure Oil Company	*Zif Cons: William G. McCracken A #3	1590°S 1645°W NEc Frac. NW Sec. 4 1N 8E.	McClosky 2962'-3075'	D.F. 451'
The Pure Oil Company	*Zif Cons: William G. McCracken A #1	1601°S 330°E NWc Frac. NE Sec. 4 1N 8E.	Aux Vases 2915'-2973'	D.F. 460'
The Pure Oil Company	*Zif Cons: William G. McCracken A #3	1601°S 330°E NWc Frac. NE Sec. 4 1N 8E.	Aux Vases 2923'-2968'	D.F. 461'
The Pure Oil Company	*Zif Cons: Gid Miller A #2	660°N 330°W SEc NE SW Sec. 4 1N 8E.	McClosky 2968'-3110'	D.F. 418'
The Pure Oil Company	*Zif Cons: Gid Miller A #3	1974°N 1657°E SWc Sec. 4 1N 8E.	Aux Vases 2935'-2955'	D.F. 441'
The Pure Oil Company	*South Jordan School Unit— Barth Heirs A #5	310°N 330°W SEc Frac. NW NW Sec. 7 1N 8E.	Aux Vases 2920'-2944'	G.L. 403'
The Pure Oil Company	*Van Fossan Unit—J. O. Van Fossan A #2	660°N 660°E SWc Sec. 14 1N 8E.	Aux Vases 2930'-2952'	D.F. 416'
The Pure Oil Company	*Van Fossan Unit—Marshall Powell #1	330°S 330°W NEc NW SE Sec. 22 1N 8E.	Rosiclare 3009'-3015' McClosky 3102'-3120'	G.L. 402'
The Pure Oil Company	*Van Fossan Unit: Charles Bonham #2	330°S 330°W NEc NW NE Sec. 27 1N 8E.	McClosky 2989'-3065'	D.F. 394'
Farrar Oil Company	*Molt #1	330°N 330°W SEc SW Sec. 29 1N 8E.	McClosky 3005'-3073'	G.L. 419'
M. J. Williams	*Jacob Lambirch #2	330°S 330°E NWc NE Sec. 32 1N 8E.	Aux Vases 3000'	D.F. 416'
The Pure Oil Company	*Sycamore Cons: F. M. Henderson #1 A #2	330°S 330°E NWc NE SE Sec. 22 2N 7E.	Aux Vases 2927'-2971'	D.F. 418'
The Pure Oil Company	*Sycamore Cons: V. C. Pittman—A #3	330°S 330°E NWc SE Sec. 22 2N 7E.	Aux Vases 2947'-3001'	D.F. 415'
The Pure Oil Company	*Sycamore Cons: Mitchell Heirs #1	330°N 330°W SEc NE Sec. 22 2N 7E.	Aux Vases 2953'-2997'	D.F. 415'
The Pure Oil Company	*Sycamore Cons: A. G. Smith B #2	330°S 330°E NWc NE SW Sec. 23 2N 7E.	Aux Vases 2920'-2962'	D.F. 415'
The Pure Oil Company	*Sycamore Cons: S. J. Staley A #2	330°N 660°W SEc NE Sec. 23 2N 7E.	Aux Vases 2905'-2975'	D.F. 414'
Shakespeare Oil Company, Inc.	*Mayne Obrecht B-1	330°S 330°E NWc SE NW Sec. 23 2N 7E.	Aux Vases 2911'-2944'	D.F. 415'
Shakespeare Oil Company, Inc.	*Russell Pierce #3	300°S 330°E NWc NE NW Sec. 22 2N 8E.	Cypress 2608'-2660' 91655'-2663'	G.L. 451'
Tamarack Pet. Co. Inc.	*E. W. Anderson W-1	330°N 330°E NWc SW Sec. 22 2N 8E.	Cypress 2645'-2657'	G.L. 436'
Tamarack Pet. Co. Inc.	*Peacock W-2	330°S 330°E NWc SE SW Sec. 23 2N 8E.	Aux Vases 2951'-2973'	G.L. 438'
Tamarack Pet. Co. Inc.	*B. M. Wilson W-5	330°N 330°W SEc NW NE Sec. 26 2N 8E.	Rosiclare 3060'-3070'	G.L. 440'
Tamarack Pet. Co. Inc.	*D. Wilson W-7	330°S 330°W NEc SW NW Sec. 26 2N 8E.	Aux Vases 2955'-2983'	G.L. 442'
Tamarack Pet. Co. Inc.	*D. Wilson W-8	330°S 330°W NEc NW NW Sec. 26 2N 8E.	Rosiclare 3057'-3065'	G.L. 443'
Tamarack Pet. Co. Inc.	Gerald Wilson W-6	330°S 60°W NEc SE NW Sec. 26 2N 8E.	Aux Vases 2957'-2979'	G.L. 442'
The Pure Oil Company	*Zif Cons: Etta Coulter #1	665°N 331°W SEc Sec. 33 2N 8E.	Rosiclare 3047'-3056'	D.F. 467'
The Pure Oil Company	*Zif Cons: John Hubble #3	655°N 330°W SEc SW SW Sec. 33 2N 8E.	Aux Vases 2970'-2985'	D.F. 451'
The Pure Oil Company	*Zif Cons: Leota McCracken B #1	661°N 330°E NWc SE Sec. 33 2N 8E.	Rosiclare 3060'-3065'	D.F. 455'

WATER INPUT WELLS—Continued
(Permits Issued in 1964)

Operator	Well (* = Converted Well)	Location	Formation	Elev.
WAYNE COUNTY—Concluded				
The Pure Oil Company	*Zif Cons: J. A. McCracken A #2	330°N 660°E SWc SE Sec. 33 2N 8E	Aux Vases 2016'-78' McClosky 3067'-3120'	D.F. 463' D.F. 452'
The Pure Oil Company	*Zif Cons: Charles O. Schofield #1	658°S 995°W NEc SW Sec. 33 2N 8E	Aux Vases 2005'-2038'	D.F. 452'
Texasco Inc.	*G. Sledge #1	330°S 330°W NEc SE SW Sec. 26 1S 6E	McClosky 3075'-3093'	G.L. 409'
Ashland Oil & Refining Company	*Oatesby-Hopkins #4 Tract 84	512°S 1054.6°E NWc NE NW Sec. 3 1S 6E	Aux Vases 3017'-3039'	G.L. 471'
Ashland Oil & Refining Company	*Jesse D. Willis #W-1	330°N 330°E SWc NW SE Sec. 11 1S 6E	Aux Vases 3058'-3065'	D.F. 444'
Ashland Oil & Refining Company	*Bass #1	330°N 330°E SWc NW SE Sec. 14 1S 6E	Aux Vases 3035'-3046'	G.L. 419'
The Pure Oil Company	*J. A. Hillard #1	330°N 330°E SWc SE SE NW Sec. 14 1S 6E	Aux Vases 3056'-3086'	G.L. 448'
The Pure Oil Company	*Northeast Geff Unit—Foval Cons #3	330°N 330°E SWc NE Sec. 1 1S 7E	Aux Vases 3074'-3082'	G.L. 447'
The Pure Oil Company	*Northeast Geff Unit—Pearl Foval #3	330°N 330°E SWc SE NE Sec. 1 1S 7E	Aux Vases 3074'-3083'	G.L. 456'
The Pure Oil Company	*McNeely #1	330°N 330°E SWc SW Sec. 1 1S 7E	Aux Vases 3076'-3110'	G.L. 443'
The Pure Oil Company	*Mullinnax #1	330°S 330°E NWc SW SE Sec. 1 1S 7E	Aux Vases 3050'-3083'	G.L. 435'
The Pure Oil Company	*Mullinnax #2	330°S 330°W NEc NW SE Sec. 1 1S 7E	Aux Vases 3055'-3090'	G.L. 450'
The Pure Oil Company	*Yerks A-1	330°N 330°W SEc NE SW Sec. 1 1S 7E	Aux Vases 3070'-3083'	G.L. 450'
The Pure Oil Company	*Yerks #4	330°N 330°W SEc SW Sec. 1 1S 7E	Aux Vases 3056'-3090'	G.L. 437'
Central Drilling Company	*Lane Mullinnax Community #1	330°S 330°E NWc SE SW Sec. 1 1S 7E	Aux Vases 3070'-3083'	G.L. 450'
The Pure Oil Company	*Northeast Geff Unit—C. F.	660°S 330°E NWc SE Sec. 3 1S 7E	McClosky 3168'-3171'	G.L. 469.5'
The Pure Oil Company	*Atkinson #1	330°S 330°W NEc NW SE Sec. 11 1S 7E	Aux Vases 3086'-3104'	G.L. 429'
The Pure Oil Company	*Atteberry #2	990°S 990°W NEc SE Sec. 11 1S 7E	Aux Vases 3075'-3136'	G.L. 422'
The Pure Oil Company	*Northeast Geff Unit—W. R.	330°N 330°E SWc SE NE Sec. 11 1S 7E	Aux Vases 3082'-3131'	G.L. 426'
The Pure Oil Company	*Atteberry "A" #3	50°N 90°W SEc NE SE Sec. 11 1S 7E	Aux Vases 3080'-3090'	G.L. 418'
The Pure Oil Company	*Atteberry "A" #5	330°S 330°W NEc SW Sec. 11 1S 7E	Aux Vases 3069'-3100'	G.L. 426'
The Pure Oil Company	*Morris #1	330°S 330°W NEc SW Sec. 12 1S 7E	Aux Vases 3048'-3065'	G.L. 416'
The Pure Oil Company	*Johnson #1	330°S 330°W NEc SW Sec. 12 1S 7E	Aux Vases 3049'-3070'	G.L. 435'
The Pure Oil Company	*Northeast Geff Unit—R. L.	330°S 330°E NWc NE Sec. 12 1S 7E	Aux Vases 3033'-3075'	G.L. 407'
The Pure Oil Company	*Johnson "A" #4	330°S 330°E NWc SE SW Sec. 12 1S 7E	Aux Vases 3043'-3085'	G.L. 418'
The Pure Oil Company	*Kinney #2	330°N 330°W SEc NW SW Sec. 12 1S 7E		
The Pure Oil Company	*Northeast Geff Unit—L. A. Tubbs #4	330°N 330°W SEc NW SW Sec. 12 1S 7E		

The Pure Oil Company	Northeast Geff Unit—L. A. Tubbs #5.	70°N 70°E SWc Sec. 12 IS 7E.	Aux Vases 3060'-3072'	G.L. 418'
The Pure Oil Company	Northeast Geff Unit—A. S. Yerks #3	330°S 330°E NWc NE NE NW Sec. 12 IS 7E.	Aux Vases 3065'-3105'	G.L. 441'
The Pure Oil Company	Northeast Geff Unit—G. W. Pike #3.	90°S 70°W NEc NW NW Sec. 13 IS 7E.	Aux Vases 3060'-3075'	G.L. 406'
The Pure Oil Company	Weaver #1.	330°S 330°W NEc SW NW Sec. 13 IS 7E.	Aux Vases 3072'-3088'	G.L. 406'
George Cullum & D. P. Lawhead	*Cantley #2	330°N 330°W SEc NE NW Sec. 7 IS 8E.	Aux Vases 3027'-3037'	D.F. 397'
George Cullum & D. P. Lawhead	*Curry #1	330°N 330°W SEc NE NW Sec. 7 IS 8E.	Aux Vases 3031'-3062'	D.F. 399'
George Cullum & D. P. Lawhead	*Robertson #1	330°N 330°E SWc NE NE Sec. 28 IS 8E.	Aux Vases 3158'-3173'	D.F. 494'
George Cullum & D. P. Lawhead	*Robertson #2-B	330°S 330°W NEc SW NE Sec. 28 IS 8E.	Aux Vases 3134'-3150'	D.F. 482'
The Pure Oil Company	*Oregon School Unit—Walter Andrews #1	330°N 330°E SWc NE NE Sec. 29 IS 8E.	Aux Vases 3206'-3235'	D.F. 508'
The Pure Oil Company	*Oregon School Unit—A. L. Milburn #2	330°N 330°E SWc SE NE Sec. 29 IS 8E.	Aux Vases 3208'-3227'	G.L. 507'
Skiles Oil Corporation	*Mary Daniels #1	330°N 330°E SWc SE NE Sec. 26 IS 9E.	O'Hara 3285'-3298'	D.F. 337'
Skiles Oil Corporation	*Virginia Haines Etal #1	330°S 330°W NEc SW NE Sec. 26 IS 9E.	O'Hara 3281'-3293'	D.F. 336'
Skiles Oil Corporation	J. E. Smith #3.	330°S 330°E NWc SW SW Sec. 35 IS 9E.	O'Hara 3289'-3299'	D.F. 395'
H. H. Weinert Estate	*L. Macpherson #B-5	660°S 660°E NWc Sec. 3 2S 7E.	McClosky 3160'-3360'	G.L. 432'
Alva C. Davis	*Bunnage-Jones W-#1	330°S 330°W NEc NW NW Sec. 24 2S 9E.	Aux Vases 3240'-3252'	G.L. 436'
WHITE COUNTY				
T. G. Jenkins	McKyes #3.	205°N 600°E SWc NE SE Sec. 19 3S 8E.	Aux Vases 3204'-3235'	G.L. 375'
T. G. Jenkins	*Winter-Gray #1.	330°N 330°W SEc SW NE Sec. 19 3S 8E.	Aux Vases 3229'-3258'	G.L. 375'
T. G. Jenkins	French W-1-A.	375°S 1100°E NWc Sec. 20 3S 8E.	Aux Vases 3225'-3258'	G.L. 375'
T. G. Jenkins	*Miller-Andrews #3.	950°S 115°E NWc SW Sec. 20 3S 8E.	Aux Vases 3215'-3238'	G.L. 375'
Joe Simpkins	*McIntosh #1.	330°S 330°W NEc NW NW Sec. 30 3S 8E.	Aux Vases 3205'-3229'	G.L. 380'
Henry Absher d/b/a Absher Oil Co.	*W. L. Curtis #5.	330°N 330°E SWc SE NW Sec. 22 3S 10E.	Paint Creek 2906'-2910'	G.L. 380'
Gulf Oil Corporation	Goldengate Unit Well #T-1-W.	330°S 330°E NWc SW NE Sec. 3 4S 9E.	Aux Vases 3308'-3336'	G.L. 448'
Socony Mobil Oil Co., Inc.	*Jones Estate #1.	330°N 330°E SWc SE NE Sec. 7 4S 10E.	Rosiclare 3396'-3405'	G.L. 379'
Socony Mobil Oil Co., Inc.	*Jones Estate #2.	330°S 360°W NEc SE NE Sec. 7 4S 10E.	Tar Springs 2477'-2486'	G.L. 379'
Victor R. Gallagher	Kuykendall #8.	600°S 50°W NEc Sec. 25 4S 10E.	Tar Springs 2489'-2500'	G.L. 369'
Victor R. Gallagher	Kuykendall #10.	1270°S 50°W NEc NE Sec. 25 4S 10E.	Pennsylvania 1490'-1520'	G.L. 426'
Eason Oil Company	*Clark #10.	330°S 330°E NWc Sec. 30 4S 11E.	Benoist 2810'-2819'	G.L. 426'
Royal Oil & Gas Corp.	*Robert Nickamp #4.	330°S 330°W NEc SE SE Sec. 26 5S 9E.	Aux Vases 2934'-2941'	G.L. 422'
			McClosky 3143'-3151'	
			Rosiclare 3116'-3130'	
			Benoist 2884'-2908'	
			Cypress 2730'-2784'	
Herndon Drilling Co.	*Maunie Unit W-15.	330°S 330°W NEc SE NW Sec. 25 5S 10E.	Bridgeport 1342'-1354'	G.L. 361'
Herndon Drilling Co.	*Maunie Unit W-21.	330°N 330°E SWc SE NW Sec. 25 5S 10E.	Benoist 2819'-2825'	D.F. 375'
			Aux Vases 2939'-2960'	
			Bridgeport 1550'-1360'	
			Benoist 2810'-2828'	G.L. 372'

WATER INPUT WELLS—Concluded
(Permits Issued in 1964)

Operator	Well (* = Converted Well)	Location	Formation	Elev.
WHITE COUNTY—Concluded				
Herndon Drilling Co.	*Maunie Unit W-23.	330°N 330°E SWc NE Sec. 25 5S 10E.	Bridgeport 1328'-1334' Benoist 2826'-2832'	G.L. 368'
Herndon Drilling Co.	*Maunie Unit W-27.	330°S 330°W NEc NW SW Sec. 25 5S 10E.	Bridgeport 1314'-1355' Benoist 2808'-2825'	G.L. 367'
Herndon Drilling Co.	*Maunie Unit W-29.	330°S 330°W NEc SW Sec. 25 5S 10E.	Benoist 2828'-2844' Rosiclare 3022'-3027'	G.L. 374'
Herndon Drilling Co.	*Maunie Unit W-34.	330°N 330°E SWc NE SW Sec. 25 5S 10E.	McClosky 3036'-3062' Benoist 2814'-2829'	G.L. 372'
The Pure Oil Company	*Stokes-Brownsville Unit— Taylor Cons.—B #1.	330°N 330°W SEc SW NE Sec. 1 6S 8E.	Hardinsburg 2653'-2700'	D.F. 501'
Continental Oil Company	*Moble-Greer #3.	330°N 330°W SEc NE SE SW Sec. 25 6S 8E.	Main Tar Springs 2374'-2381'	G.L. 489'
The Pure Oil Company	*Stokes-Brownsville Unit—A Turner #1.	330°S 330°E NWc Sec. 6 6S 9E.	Hardinsburg 2646'-2665'	D.F. 497'
National Associated Petroleum Co.	*J. E. Hughes #2 W1.	330°S 330°E NWc Sec. 9 6S 9E.	Cypress 2727'-2754'	G.L. 374'
Cities Service Oil Co.	*Garrison #3-W.	330°N 330°E SWc NE NE Sec. 24 6S 9E.	Aux Vases 2898'-2908'	G.L. 361'
Bernard Podolsky	*Arnold "A" #2.	330°N 330°E SWc NE Frac. SW Sec. 18 6S 11E.	Cypress 2622'-2630'	G.L. 403'
Bernard Podolsky	*Sally H. Arnold #5.	1900°N 330°E SWc NE Sec. 18 6S 11E.	Cypress 2592'-2601'	G.L. 361'
Bernard Podolsky	*Hubele #1.	330°N 330°E SWc NW Sec. 18 6S 11E.	Cypress 2576'-2584'	G.L. 361'
Bernard Podolsky	*Niobing #2.	330°S 330°E NWc NW Sec. 18 6S 11E.	Cypress 2580'-2586'	D.F. 408'
Wausau Petroleum Corp.	*W. W. Allen #1.	330°S 330°E SWc NE SW Sec. 18 7S 8E.	Cypress 2638'-2681'	G.L. 368'
Bernard Podolsky	*W. L. Clark #2.	330°N 330°E NWc SE SW Sec. 4 7S 10E.	Aux Vases 2914'-2920'	G.L. 382'
Bernard Podolsky	*Calvert #2.	330°N 330°E SWc NE NE Sec. 3 7S 10E.	Aux Vases 2903'-2915'	G.L. 382'
Bernard Podolsky	*Lowland Clark #6.	330°S 330°E NWc NE NE Sec. 8 7S 10E.	Aux Vases 2908'-2908'	G.L. 359'
Bernard Podolsky	*W. L. Clark #4.	330°S 330°E NWc SW NW Sec. 8 7S 10E.	Aux Vases 2908'-2908'	G.L. 354'
Ryan Company	*Herr #1-A.	350°N 350°W SEc Sec. 13 7S 10E.	Tar Springs 2193'-2205'	G.L. 354'
The British-American Oil Production Company	*Cecil #3 SW 1.	25°S 25°W NEc SW Sec. 31 3S 14W.	Biehl 1894'-1900'	G.L. 412'
The British-American Oil Production Company	*Ben Metcalf #2 SW 1.	25°S 700°E NWc SE Sec. 31 3S 14W.	Biehl 1894'-1900'	G.L. 415'
Tidewater Oil Company	*O. R. Evans #B-21.	330°S 330°E NWc SE NE Sec. 5 4S 14W.	Aux Vases 2805'-2825' O'Hara 2875'-2883'	G.L. 415'
Gulf Oil Corporation	*Garfield Parson #8-W.	330°N 330°E SWc Frac. NW SW Sec. 7 4S 14W.	Rosiclare 2809'-2903' Middle McClosky 2920'-2934'	G.L. 375.4'
Socony Mobil Oil Co., Inc.	*J. J. Bond #8.	330°S 329°W NEc SW Sec. 8 4S 14W.	Aux Vases 2928'-2954' 1st Cypress 2567'-2581'	G.L. 440'
Socony Mobil Oil Co., Inc.	*J. J. Bond #12.	330°N 330°E SWc NE SW Sec. 8 4S 14W.	2nd Cypress 2566'-2640' Paint Creek 2680'-2735'	G.L. 376'
Socony Mobil Oil Co., Inc.	*J. J. Bond #14-W1W.	380°S 330°W NEc NW SE Sec. 8 4S 14W.	Aux Vases 2840'-2865' Paint Creek 2654'-2708'	G.L. 370'
Skiles Oil Corporation	Garfield Parsons #3.	500°N 330°E SWc Sec. 8 4S 14W.	Aux Vases 2795'-2830' Aux Vases 2884'-2914'	G.L. 375'

The Pure Oil Company.....	Calvin Con.—Gillison P. Calvin—A #6	330°S 330°W NEc NW Sec. 9 4S 14W.....	S.W.D. Tar Springs 2230-2310' W.I. Cypress 2557-2569' Paint Creek 2702'-2727'
The Superior Oil Company.....	H. M. Ford #24.....	660°S 330°W NEc SW Sec. 28 4S 14W.....	Bethel 2700'-2770'.....
The Superior Oil Company.....	*E. S. Jacobs #7.....	400°S 820°W NEc NW SW Sec. 28 4S 14W.....	Bethel 2703'-2730'.....
The Superior Oil Company.....	*E. M. Fitton "A" #22.....	200°N 330°W SEc NE SE Sec. 29 4S 14W.....	Bethel 2728'-2778'.....
The Superior Oil Company.....	*E. M. Fitton "A" #26.....	330°N 330°W SEc Sec. 29 4S 14W.....	Bethel 2723'-2774'.....
The Superior Oil Company.....	*Westfall #1.....	330°N 330°W SEc NW NE Sec. 32 4S 14W.....	Bethel 2710'-2783'.....
The Superior Oil Company.....	*E. S. Dennis #3.....	330°N 330°W SEc SW NE Sec. 33 4S 14W.....	Waltersburg 2140'-2163'.....
The Superior Oil Company.....	*E. S. Dennis #9.....	330°N 330°W SEc NW NE Sec. 33 4S 14W.....	Waltersburg 2119'-2165'.....
The Superior Oil Company.....	*E. S. Dennis #10.....	990°S 330°W NEc Sec. 33 4S 14W.....	Cypress 2536'-2604'.....
The Superior Oil Company.....	*E. S. Dennis #20.....	280°S 330°W SEc NE NE Sec. 33 4S 14W.....	Waltersburg 2102'-2119'.....
The Superior Oil Company.....	*Dennis #22.....	447°N 330°W SEc NE Sec. 33 4S 14W.....	Waltersburg 2110'-2160'.....
The Superior Oil Company.....	*E. S. Dennis #23.....	315°N 845°E SWc NE Sec. 33 4S 14W.....	Cypress 2539'-2607'.....
			Cypress 2576'-2615'.....
			G.L. 382'.....
			G.L. 371'.....
			G.L. 374'.....
			G.L. 377'.....
			G.L. 370'.....
			G.L. 370'.....
			G.L. 389'.....
			G.L. 389'.....
			G.L. 367'.....
			G.L. 367'.....
			G.L. 388'.....
			G.L. 364'.....

WELLS PLUGGED IN 1964

Operator	Well	Location	Total depth	Date plugged	Elev.
ADAMS COUNTY					
D. Elmo Lierly	Lierly #2	330° S 330° W NEc SW SW Sec. 35 1S 5W	664'	5-4-64	G.L. 731'
C. Arthur Beckman	Charles Kirchherr #2	330° N 990° E SWc NE Sec. 36 1S 5W	670'	7-27-64	G.L. 748'
C. Arthur Beckman	Charles Kirchherr #3	990° N 990° E SWc NE Sec. 36 1S 5W	674'	10-22-64	G.L. 730'
Charles M. Mesley	Richard Pierce #1-M	280° N 330° W SEc SW Sec. 36 1S 5W	665'	12-29-64	G.L. 731'
A. L. Pezman	Elmer G. Humke #1-P	330° N 430° E SWc NW NW Sec. 36 1S 6W	877'	7-9-64	G.L. 983'
George H. Hoisington	James Donley #1	330° N 330° E SWc SW Sec. 1 2S 5W	654'	5-6-64	G.L. 701'
Earnest & Otis Wright	Wright #6	330° N 330° E SWc NW NE Sec. 11 2S 5W	672'	5-27-64	G.L. 734'
C. & W. Oil Company	Huston #1	270° N 430° W SEc SE NW Sec. 11 2S 5W	653'	10-20-64	G.L. 725'
Ernest Wright #1	Virgil Johnson #3	130° S 330° E NWc SE NW Sec. 23 2S 5W	543'	8-31-64	G.L. 619'
Arnold Beach	Graham #1	330° N 990° W SEc SW Sec. 34 2S 5W	440'	3-11-64	G.L. 906'
Donald W. Woltz	Burkett #1	330° N 330° W SEc NE SW Sec. 10 3S 5W	982'	4-22-64	G.L. 750'
Charles J. Koch, Jr.	Vose #2	420° N 330° W SEc NW SE Sec. 11 3S 5W	428'	2-16-64	G.L. 941'
	Roy Mason #2	660° S 330° W NEc SW NW Sec. 7 3S 6W	1010'	8-19-64	G.L. 767'
BOND COUNTY					
Courson & Ready	Huermann #1	330° S 330° E NWc Sec. 30 4N 2W	1131'	4-11-64	G.L. 482 3'
Richview Oil Exploration	Haley #1	990° N 330° E SWc SE SE Sec. 5 4N 3W	1084'	6-9-64	G.L. 826 5'
J. U. Dodson	Ralph Hunter #1	330° S 330° E NWc SW NE Sec. 23 5N 4W	701'	6-17-64	G.L. 823 51'
Arnold Wilson	Guth Gillette #1	330° S 330° W NEc Sec. 23 6N 4W	563'	5-4-64	
Floyd E. Thompson	Diamond Heirs #1	330° S 330° W NEc SW SE Sec. 21 6N 2W	3200'	11-25-64	G.L. 551'
Floyd E. Thompson	Diamond Heirs #5	650° N 600° E NWc SE NW Sec. 21 6N 2W	3200'	3200'	G.L. 552'
Thomas Neeth	Dresser-Wall Comm. #1	330° S 330° W NEc SE NW Sec. 21 6N 4W	1866'	9-24-64	G.L. 493'
F. L. Strickland	Cecil S. Harmon #1	330° S 330° W NEc NW SW Sec. 29 6N 4W	1861'	10-16-64	G.L. 499'
F. L. Strickland	Harmon #4A	330° S 330° W NEc NW SW Sec. 29 6N 4W	1861'	10-15-64	G.L. 497'
Joe Dull	Weinberg-Harmon Comm. #1	330° S 330° W SEc NW SW Sec. 29 6N 4W	1853'	10-13-64	G.L. 497'
Stewart Oil Company	Donk Brothers "B" #2	330° S 330° W NEc SW NE Sec. 33 6N 4W	1948'	5-14-64	G.L. 556'
Don Durr	Richard Shaw #1	330° N 330° E SWc NE NE Sec. 32 7N 2W	1260'	3-21-64	G.L. 653 08'
BROWN COUNTY					
Harold & Victor Miller	Leo E. Ryan #1	330° S 660° E NWc SW NW Sec. 16 1N 3W	742'	7-6-64	G.L. 699'
W. O. Hills	Bunfill #5	330° N 330° E SWc NE NW Sec. 15 1S 5W	635'	1-3-64	G.L. 616'
W. O. Hills	J. Glenn Thomas #3	330° N 330° E SWc NW SW Sec. 15 1S 2W	790'	6-1-64	G.L. 475'
Mt. Sterling Oil Corp.	Giles Sailer #1	990° N 330° E SWc NE NW Sec. 1 1S 3W	1307'	6-25-64	G.L. 618'
Harold & Victor Miller	Norton #1	330° N 660° E SWc SE NW Sec. 22 1S 4W	1045'	4-29-64	G.L. 745'
Jay Vee Development Co.	Mary J. Bowen #1	330° S 330° E NWc NW Sec. 31 1S 4W	681'	6-8-64	
Frank A. Bridge	McNeff #1-A	330° N 330° E SWc SE SE Sec. 33 1S 4W	642'	10-14-64	G.L. 650'
A. R. Drilling Prod.	H. Lloyd Shoopman #1	330° N 330° E SWc SE SE Sec. 34 1S 4W	650'	11-25-64	
Harry Bullard	Bullard #1	330° S 330° W NEc SE SW Sec. 5 2S 3W	664'	11-6-64	G.L. 906'
William O. Hills	Still #1	330° N 330° W SEc NE Sec. 6 2S 3W	662'	8-11-64	G.L. 961'

WELLS PLUGGED IN 1964—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
CHRISTIAN COUNTY—Concluded					
Joe Simpkins.....	Becky Comm. #3.....	316° S 527° W Nec SW NE Sec. 32 14N 3W.....	1750'	8-20-64	G.L. 586'
C. B. Mansfield.....	Springfield Marine Bank #3.....	330° N 330° E Swc NW NW Sec. 26 14N 4W.....	1818'	8-18-64	G.L. 588'
Pioneer Oil & Gas Co.....	Crowe #1.....	330° S 330° E Nwc NE NW Sec. 14 15N 1W.....	1925'	12-3-64	G.L. 580, 8'
Bimuh Oil Company.....	Ring #1.....	330° N 330° E Nwc NE NW Sec. 18 15N 1W.....	1855'	2-15-64	G.L. 589, 5'
James Jordan.....	O. E. Butcher #2.....	330° N 330° E Swc NE NW Sec. 21 15N 1W.....	1860'	2-15-64	-----
James Jordan.....	Mitchell #3.....	330° S 330° E Swc NE NW Sec. 21 15N 1W.....	1830'	2-19-64	-----
W. F. State Casting.....	Marshall #1.....	330° S 330° W Nec NE NW Sec. 22 15N 1W.....	1834'	2-19-64	-----
E. D. Harmon, Trustee.....	Ralph Emerson #3.....	330° N 330° W Sec NE NW Sec. 30 15N 1W.....	1847'	12-18-64	-----
Henson Drilling Company.....	Pertus #1.....	330° N 330° W Sec NE NW Sec. 30 15N 1W.....	1940'	11-26-64	-----
Henson Drilling Company.....	Pertus #2.....	330° N 330° E Swc NW NW Sec. 30 15N 1W.....	1940'	11-26-64	-----
J. D. Mayfield.....	Housley #2.....	330° S 330° E Swc NW NW Sec. 30 15N 1W.....	1937'	7-24-64	G.L. 609, 3'
C. B. Mansfield.....	Lane #1.....	330° N 330° W Sec NE NW Sec. 32 15N 1W.....	1833'	11-6-64	G.L. 604'
H. F. Robinson.....	Tanersley #1.....	330° N 330° W Nec NE NW Sec. 13 15N 2W.....	1904'	12-19-64	G.L. 601, 6'
Lewis H. Foster.....	Masters #1.....	330° N 330° W Sec NE NW Sec. 13 15N 2W.....	1936'	9-26-64	G.L. 603, 5'
Glady's M. Hudson.....	Boitrell #1.....	330° N 330° W Sec NE NW Sec. 15 15N 2W.....	1889'	10-6-64	G.L. 609, 7'
Pioneer Oil & Gas Company.....	B. P. Thomas #1.....	330° S 330° E Nwc NE NW Sec. 19 15N 2W.....	1907'	3-3-74	-----
Baughman & Osborn.....	Mulberry #1.....	330° S 330° E Nwc NE NW Sec. 21 15N 2W.....	1900'	12-16-64	-----
James Jordan.....	Pertus #1.....	330° S 330° W Sec NE NW Sec. 26 15N 2W.....	1919'	11-24-64	-----
Henson Drilling Company.....	Bernard #1.....	330° N 990° E Swc NE NW Sec. 26 15N 2W.....	1927'	11-24-64	G.L. 682, 3'
Henson Drilling Company.....	C. Butcher #1.....	330° S 330° W Nec NE NW Sec. 28 15N 2W.....	1909'	7-3-64	-----
C. B. Mansfield.....	Deeren #1-A.....	330° S 990° W Nec NE NW Sec. 34 15N 2W.....	1929'	2-19-64	G.L. 604'
Reeter, Hirstein, Baughman & Osborn.....	Hoover #1.....	330° S 990° W Nec NE NW Sec. 34 15N 2W.....	1976'	7-19-64	G.L. 588'
Baughman & Osborn.....	Spratt #3.....	330° S 330° E Nwc NE NW Sec. 34 15N 2W.....	1934'	11-27-64	G.L. 580'
Baughman & Osborn.....	Hobbs #1-A.....	330° S 330° E Nwc NE NW Sec. 35 15N 2W.....	1931'	5-28-64	G.L. 592'
Cahaba Oil Company.....	Hobbs #2-A.....	330° S 330° E Swc NE NW Sec. 35 15N 2W.....	1924'	11-6-64	-----
Baughman & Osborn.....	Morgret #2.....	330° S 330° E Swc NE NW Sec. 35 15N 2W.....	1910'	5-11-64	-----
James Jordan.....	Morgret #3.....	330° N 330° E Swc NE NW Sec. 35 15N 2W.....	1929'	5-9-64	-----
James Jordan.....	Yockey #1-A.....	330° N 330° E Swc NE NW Sec. 36 15N 2W.....	1956'	5-9-64	G.L. 605'
Western Illinois Pipeline Corporation.....	Yockey #2.....	330° S 330° E Swc NE NW Sec. 36 15N 2W.....	1933'	2-12-64	-----
James Jordan.....	Jacob Yockey Est. #2.....	330° S 330° E Nwc NE NW Sec. 35 16N 1W.....	1875'	5-16-64	G.L. 599, 5'
Elmer M. Novak.....	Powell #1.....	-----	-----	-----	-----
CLARK COUNTY					
Homer Kincaid.....	Chauncey Crow #1.....	330° S 330° E Nwc NE NW Sec. 8 9N 13W.....	934'	7-16-64	G.L. 585'
Charles Eager.....	E. Van Fleet #1.....	330° N 660° E Swc NE NW Sec. 24 9N 13W.....	887'	9-3-64	G.L. 590, 2'
Ben Abels.....	J. Connelly #3.....	640° S 220° E NE NW Sec. 2 9N 14W.....	447'	9-9-64	-----
Ben Abels.....	J. Connelly L-10.....	27° S 55° E Nwc SW NE Sec. 2 9N 14W.....	613'	8-19-64	-----
Ben Abels.....	J. Connelly M-11.....	545° S 640° E Nwc NE NW Sec. 2 9N 14W.....	439'	8-27-64	-----
Tidewater Oil Company.....	J. Connelly #12.....	330° N 220° E Swc NE NW Sec. 2 9N 14W.....	432'	8-25-64	-----
Ben Abels.....	J. Connelly #1-L-12.....	451° N SEC NW Sec. 2 9N 14W.....	441'	8-10-64	-----
Ben Abels.....	J. Connelly #21.....	167° N 305° W SEC NW Sec. 2 9N 14W.....	450'	9-1-64	-----

WELLS PLUGGED IN 1964—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
CLAY COUNTY—Continued					
Milton Smith	Flexter #1	330°N 330°W SEc NW NW Sec. 13 3N 6E	3001'	2-22-64	G.L. 465'
Milton Smith	Graham #1	330°N 330°E SWc NW NW Sec. 13 3N 6E	3013'	3-3-64	G.L. 465'
Milton Smith	Graham #2	330°S 330°E SWc NW NW Sec. 13 3N 6E	2998'	2-17-64	G.L. 465'
Clarence T. Smith	Thompson #1	330°N 330°E SWc NE NE Sec. 14 3N 6E	3033'	7-15-64	G.L. 471'
Clarence T. Smith	Thompson #2	330°N 330°W SEc NE NE Sec. 14 3N 6E	2933'	6-26-64	G.L. 471'
Milton Smith	Wortham Etal #1	330°S 330°W NEc SE NE Sec. 14 3N 6E	2924'	2-19-64	G.L. 465'
Keystone Oil Company	Mearns #2	330°S 330°W NEc SE NE Sec. 16 3N 6E	2769'	1-16-64	G.L. 515'
Keystone Oil Company	Mearns #4	330°N 330°W SEc SW SW Sec. 16 3N 6E	2747'	1-17-64	G.L. 511'
Merle Edwin Mearns	J. Wyatt Community #1	330°N 330°W SEc SW SE Sec. 18 3N 6E	2978'	2-12-64	G.L. 552'
Hanson Oil Company	Briscoe Community #1	330°N 330°E SWc NE SW Sec. 23 3N 6E	3025'	6-13-64	G.L. 478'
E. Central Developing Co., Inc.	Pettit #1	430°S 330°W NEc SE SW Sec. 33 3N 6E	3076'	12-14-64	G.L. 477'
C. B. & M. Oil Company	Cecil C. Stanley #1	330°S 330°W NEc NW SW Sec. 3 3N 7E	2630'	7-30-64	G.L. 433'
McCollum & Kincaid	M. Harrison #1	330°N 330°E SWc SE NE Sec. 11 3N 7E	3035'	7-11-64	G.L. 426'
Frank B. Reynolds, Jr.	Merriman-Hardy #1	330°S 330°E NWc SE Sec. 12 3N 7E	3033'	9-22-64	G.L. 427'
C. D. Reed	L. A. Brissenden #1	330°N 330°W SEc NW NW Sec. 15 3N 7E	3000'	9-17-64	G.L. 444'
Earle B. Reynolds	Hunley #1	330°N 330°E SWc SE Sec. 16 3N 7E	2983'	8-15-64	G.L. 463'
Southern Illinois Oil Prod., Inc.	Glen Welsh #2	330°S 330°W NEc SE NW Sec. 24 3N 7E	3044'	5-29-64	G.L. 454'
Southern Illinois Oil Prod., Inc.	J. Stanford #1	330°N 330°E SWc SE SE Sec. 25 3N 7E	3100'	9-18-64	G.L. 457'
O'Bar Oil Prod., Inc.	E. G. Stanford #1	330°N 330°E SWc SE SE Sec. 35 3N 7E	3613'	2-13-64	G.L. 446'
Alco Oil & Gas Corp.	Hunley-Kenley Comm. #1	330°N 330°W SEc SW SE Sec. 36 3N 7E	3018'	2-6-64	G.L. 463'
Charles E. Booth	Bemis #2	330°N 330°W SEc SW SE Sec. 8 3N 8E	2659'	12-8-64	G.L. 420'
Continental Oil Company	T. Bemis "A" #3	990°S 330°W NEc SW Sec. 9 3N 8E	2676'	9-4-64	G.L. 423'
Southern Illinois Oil Prod., Inc.	D. Biehl #1	1650°N 990°E SWc Sec. 11 3N 8E	3070'	9-4-64	G.L. 416'
W. W. Tolar Drilling Corp.	Manker #1	330°S 330°E NWc SW NE Sec. 14 3N 8E	3019'	8-3-64	G.L. 415'
John W. Rudy	Gibbs #1	330°N 330°E SWc NE SE Sec. 17 3N 8E	2930'	8-2-64	G.L. 430'
The Pure Oil Company	F. Heister Trustee #1	330°N 330°W SEc NE SE Sec. 21 3N 8E	2983'	2-14-64	G.L. 436'
The Pure Oil Company	E. V. Chaffin A #3	990°S 330°E NWc SW Sec. 21 3N 8E	2968'	15-24-64	G.L. 434'
Earle B. Reynolds	Eacens #5	990°S 330°W NEc NW SW Sec. 21 3N 8E	3093'	12-30-64	G.L. 437'
Hanson Oil Company	Turk #1	330°N 330°W NEc NW SW Sec. 21 3N 8E	2988'	11-25-64	G.L. 411'
Harry Mabry	Randall-Peck #1	330°N 330°W SEc NE NE Sec. 3 4N 8E	2608'	8-18-64	G.L. 509'
Joe A. Dull	Rosalia Mount #2	330°N 330°W SEc NE SE Sec. 3 4N 8E	2623'	8-20-64	G.L. 517'
McCullum & Kincaid	Ina Hayer Comm. #1	330°S 330°W NEc SE SE Sec. 3 4N 8E	2617'	3-24-64	G.L. 517'
Don Zink	Spencer-Cetrum Comm. #1	330°N 330°W SEc NE NE Sec. 7 4N 9E	2759'	11-2-64	G.L. 502'
John Zink	R. John Etal #1-A	330°S 330°E NWc NE NE Sec. 26 4N 5E	2841'	8-13-64	G.L. 539'
John Zink	C. O. Smith #1-A	330°S 330°E NWc NE SE Sec. 34 4N 5E	2876'	8-2-64	G.L. 533'
John Zink	C. O. Smith #2-A	330°N 330°W SEc NE SE Sec. 1 4N 6E	2989'	3-19-64	G.L. 489'
John Zink	C. O. Smith #3	330°S 330°E NWc NE SE Sec. 1 4N 6E	2877'	3-21-64	G.L. 487'
March Drilling Company	E. H. Montiel #1	330°N 330°W SEc NE Sec. 1 4N 6E	2915'	3-27-64	G.L. 488'
Kingwood Oil Company	McCorkle-Bryant Unit #1	330°S 330°W NEc SW SW Sec. 1 4N 7E	2963'	11-7-64	G.L. 477'
Kingwood Oil Company	Jessie Erwin #1	330°S 330°W NEc SW NE Sec. 3 4N 7E	2865'	6-3-64	G.L. 482'
Kingwood Oil Company		330°N 330°E SWc NE NE Sec. 3 4N 7E	3020'	6-4-64	G.L. 486'

Keystone Oil Company	Gibson Heirs #1	330°N 330°E SWc NW SE Sec. 3 4N 7E	2617'	5-20-64	G.L. 497'
Lowell & Leon Hagen	T. E. Fleener #1	330°N 330°E SWc Sec. 5 4N 7E	2920'	8-12-64	G.L. 483'
Lowell & Leon Hagen	T. E. Fleener #2	330°S 330°W NEc SW Sec. 5 4N 7E	2883'	8-26-64	G.L. 481'
John Zink	C. D. Smith #1	330°S 330°E NWc Frac. SW Sec. 6 4N 7E	2896'	5-6-64	G.L. 487'
C. F. Reistrook	Oral Leonard #1	330°S 330°W NEc Sec. 9 4N 7E	2615'	11-24-64	G.L. 478'
McCullum & Kincaid	Ruth Leonard #1	330°N 330°E SWc NE NW Sec. 10 4N 7E	2950'	12-16-64	G.L. 479'
McCullum & Kincaid	Montoney #5	330°S 330°W NEc NW SE Sec. 10 4N 7E	2629'	7-23-64	G.L. 473'
Acme Casing & Pulling Co.	Hubert E. McKnight #1	330°N 330°W SEc NW SE Sec. 11 4N 7E	3024'	6-3-64	G.L. 469'
Pursell & Baskie	Wilkins #1	330°N 330°W SEc NE SE Sec. 11 4N 7E	2965'	6-3-64	G.L. 474'
Russell Parsake	Ralph Hastings #2	330°N 330°W SEc NW Sec. 12 4N 7E	2955'	6-5-64	G.L. 475'
Russell & Leon Hagen	Wilkins #1	330°N 660°E SWc NE NW Sec. 12 4N 7E	2970'	5-12-64	G.L. 477'
Paul V. Harris	Conley #3	418.4°N 241.6°W SEc NE NE Sec. 14 7E	2613'	3-25-64	G.L. 477'
Willard McKinney	Marie Tungate #1	330°S 330°E NWc NE NE Sec. 16 4N 7E	2649'	1-8-64	G.L. 469'
Hanson Oil Company	Maude Cammon #1	330°N 330°W SEc NE Sec. 16 4N 7E	3020'	1-23-64	G.L. 472'
Hanson Oil Company	Levitt #1-A	400°N 330°W SEc NW Sec. 21 1N 7E	3010'	10-3-64	G.L. 485'
Hanson Oil Company	Stanley Quinn "A" #3	330°S 330°W NEc NW Sec. 21 1N 7E	3010'	8-12-64	G.L. 486'
Hanson Oil Company	Stanley Quinn "B" #1	330°S 330°W NEc NW Sec. 21 4N 7E	3060'	4-5-64	G.L. 484'
Black & Black Oil Co., Inc.	Roy Atchason #1-A	330°N 330°E SWc NW Sec. 22 4N 7E	3016'	4-7-64	G.L. 489'
O'Bar Oil Prod., Inc.	R. McKnight #1	330°N 330°E SWc NE SE Sec. 22 4N 7E	2811'	7-17-64	G.L. 482'
N. V. Duncan Drilling Company	O'Dell #1	330°S 330°W NEc NW Sec. 24 4N 7E	3040'	1-11-64	G.L. 482'
Willard McKinney	W. S. Tooley #1-A	330°N 330°E SWc NE Sec. 27 4N 7E	2886'	1-10-64	G.L. 482'
Paul W. McElvay	Tungate #1-A	330°S 330°E NWc NE NW Sec. 27 4N 7E	3112'	1-12-64	G.L. 478'
Earle B. Reynolds	Della Quinn, et al #1	330°N 400°E SWc NW Sec. 28 4N 7E	3119'	8-3-64	G.L. 477'
Samuel E. Boxell	H. Gill #1	330°N 330°W SEc NW Sec. 36 1N 8E	3050'	9-28-64	G.L. 464'
National Associated Petro. Co.	Clara Petitjean #1	330°S 330°W NEc NW Sec. 36 1N 8E	3050'	9-28-64	G.L. 464'
Samuel E. Boxell	Nellie Crackel #1-A	330°S 330°W NEc NW Sec. 13 4N 8E	3106'	12-3-64	G.L. 439'
N. A. Baldrige	Frank West #1	330°S 330°W NEc NW Sec. 17 1N 8E	3019'	9-25-64	G.L. 432'
Francis M. Pierce & Paul Farmer	Frank West, et al #1-A	330°S 330°W NEc NW Sec. 22 4N 8E	3060'	6-10-64	G.L. 451'
Texaco Inc.	Smith Community #1	330°S 330°W NEc NW Sec. 22 4N 8E	90'	6-12-64	G.L. 451'
M. Luther Livengood	J. W. Williams NC1-2 #1	330°N 300°E SWc Sec. 16 5N 5E	2430'	5-27-64	G.L. 499'
M. Luther Livengood	Gernand #1	330°N 330°E SWc NW Sec. 22 5N 5E	2830'	4-12-64	G.L. 530'
W. H. Kinzell	Germand #1	330°S 330°E NWc NW Sec. 23 5N 5E	2364'	1-6-64	G.L. 525.2'
Hawk Oil Producers	Landreth #1	330°N 430°W NEc NW Sec. 23 5N 5E	2473'	1-7-64	G.L. 528.5'
McCullum & Kincaid	Hamilton #1	330°N 330°E SWc SE Sec. 32 5N 5E	2500'	7-15-64	G.L. 524'
Willard McKinney	Jerry Lewis #1	330°N 660°E SWc SE Sec. 33 5N 5E	2592'	7-15-64	G.L. 534'
Willard McKinney	Paul Shortzoum #1	330°S 330°W NEc SE SW Sec. 12 5N 6E	2635'	6-5-64	G.L. 539'
Whaley Oil Corporation	Walter Shortzoum #1	330°N 330°W NEc NE SW Sec. 12 5N 6E	2860'	6-11-64	G.L. 512'
Ashtand Oil & Ref. Co.	Luella Freeman #1	990°S 330°E NWc SE NE Sec. 14 5N 6E	2804'	6-11-64	G.L. 516'
R. W. Harper, Jr.	Scott #1	330°N 330°W NEc NW Sec. 5 5N 7E	2806'	4-21-64	G.L. 510'
Robert E. Trumpe	Scott #1	330°N 330°E SWc NW Sec. 6 5N 7E	2866'	10-1-64	G.L. 529.5'
Joe A. Dill	Robert E. Trumpe	330°S 330°W NEc NE Sec. 11 5N 7E	2872'	12-19-64	G.L. 521'
James E. Boxell	McWilliams #1	330°S 330°E NWc SE Sec. 15 5N 7E	2964'	8-24-64	G.L. 516'
James E. Hurt	Dillman-Horstetter Comm. #1	990°N 330°E SWc NW Sec. 19 5N 7E	2900'	12-15-64	G.L. 512'
M. C. Milam	Rosa Iffert #1	330°S 330°W NEc SE SW Sec. 31 5N 8E	2950'	9-4-64	G.L. 456'
C. R. Winn	Iffert #2	330°S 330°W NEc SE SW Sec. 34 5N 8E	3036'	4-25-64	G.L. 478'
	Adam Buester #1-A	330°N 330°W SEc NW Sec. 34 5N 8E	3061'	10-22-64	G.L. 475.2'
			3050'	8-21-64	G.L. 478.2'

WELLS PLUGGED IN 1964—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
CLINTON COUNTY					
Shell Oil Company	E. Hanseman #4	200' S 860° E N 60° NE Sec. 12 1N 1W	2919'	9-29-64	D.F. 484'
Jet Oil Company	Jones #1	990' N 330° W SE 20° SW Sec. 17 1N 1W	1400'	11-4-64	G.L. 439'
Jet Oil Company	Martin Cramer #1	990' N 330° W SE 20° SW Sec. 17 1N 1W	1400'	10-23-64	G.L. 437'
Jet Oil Company	Atterton #1	330' N 330° W SE 20° SW Sec. 20 1N 1W	1466'	11-11-64	G.L. 449'
Jet Oil Company	Atterton #2	330' S 330° W NE 20° SE Sec. 20 1N 1W	1380'	12-28-64	G.L. 482'
Jet Oil Company	Coe-Toedte #3	330' S 330° W NE 20° SE Sec. 20 1N 1W	1320'	9-27-64	G.L. 461'
Jet Oil Company	Livy M. Coe, Jr., et al #1-A	330' N 330° E SW 20° NE Sec. 20 1N 1W	1310'	12-11-64	G.L. 456'
Jet Oil Company	Livy M. Coe, Jr., et al #2	330' N 330° E SW 20° NE Sec. 20 1N 1W	1348'	8-17-64	G.L. 480'
Jet Oil Company	Livy M. Coe, et al #2-A	330' N 330° E SW 20° NE Sec. 21 1N 1W	1471'	8-3-64	G.L. 463'
Jet Oil Company	Lester Coe, et al #5	330' N 330° E SW 20° NE Sec. 21 1N 1W	1349'	9-21-64	G.L. 481'
Jet Oil Company	Hixenbaugh Comm. #1	330' N 330° W SE 20° SW Sec. 21 1N 1W	1348'	8-22-64	G.L. 481'
Jet Oil Company	Arthur B. Deremiah #1	330' N 330° W SE 20° SW Sec. 21 1N 1W	1372'	9-5-64	G.L. 488'
Jet Oil Company	Berry #1	990' S 990° E NW 20° SW Sec. 1 1N 2W	1365'	5-10-64	G.L. 443'
N. A. Baldrige	Wuebels #1	330' S 330° W NE 20° SW Sec. 7 1N 2W	1300'	3-5-64	G.L. 446'
Jet Oil Company	Johnpeter #3	990' S 1650° W NE 20° SW Sec. 7 1N 2W	1243'	2-27-64	G.L. 414'
Schaefer Oil Company	Crocker Community #1	330' N 330° W SE 20° SW Sec. 8 1N 2W	1191'	4-3-64	G.L. 446'
N. A. Baldrige	Crocker Community #2	330' N 330° E SW 20° NE Sec. 8 1N 2W	1167'	10-9-64	G.L. 447'
N. A. Baldrige	Crocker #6	330' N 330° E SW 20° NE Sec. 8 1N 2W	1190'	5-18-64	G.L. 447'
Schaefer Oil Company	Johnpeter #1	330' N 330° E SW 20° NE Sec. 8 1N 2W	1179'	1-31-64	G.L. 442'
Elmer Delze, Jr.	Rakers #1	330' N 330° E SW 20° NE Sec. 9 1N 2W	1171'	2-6-64	G.L. 426'
Illinois Lease Operating, Inc.	Brink Community #2	330' N 330° E SW 20° NE Sec. 13 1N 2W	1289'	10-21-64	G.L. 457'
Joe A. Duil	William Palm #1	330' S 330° E NW 20° SW Sec. 14 1N 2W	1431'	5-7-64	G.L. 454'
R. H. Troop	Gustav Hemminghaus #1	330' S 330° E NW 20° SW Sec. 14 1N 2W	1386'	5-7-64	G.L. 454'
N. A. Baldrige	H. W. Knollhoff #1	330' S 330° W NE 20° SW Sec. 17 1N 2W	1402'	5-17-64	G.L. 453'
Charles T. Evans	Brink #1	330' N 1650° W SE 20° SW Sec. 17 1N 2W	1152'	10-27-64	G.L. 419'
Schaefer Oil Company	Custus #1	330' S 330° W NE 20° SW Sec. 18 1N 2W	1163'	2-3-64	G.L. 414'
George E. Kuhn	Michael Community #1	330' N 330° W SE 20° NE Sec. 22 1N 2W	1185'	8-25-64	G.L. 447'
Elmer Delze, Jr.	Clyde Bassen #1	330' S 330° W NE 20° SW Sec. 23 1N 2W	1315'	6-5-64	G.L. 450'
Elmer Delze, Jr.	Anna Nottmeyer #1	330' S 330° E NE 20° SW Sec. 23 1N 2W	1227'	6-5-64	G.L. 450'
H. S. Woodard, Trustee	Gross #11	20° S 900° W NE 20° SW Sec. 5 1N 3W	1321'	6-24-64	G.L. 486'
Loner Rutherford	Wilken #1	990' S 330° W NE 20° SW Sec. 15 1N 3W	1017'	11-18-64	G.L. 413'
Jet Oil Company	Wobbe #1	330' N 330° E SW 20° NE Sec. 9 1N 4W	1250'	3-21-64	G.L. 413'
C. E. Breinm Drilling & Producing	Rupperts Comm. #1	330' N 330° E SW 20° NE Sec. 20 1N 4W	1132'	8-18-64	G.L. 408'
National Associated Petro. Company	Fuelme-Kalmer Comm. #1	330' N 330° E SW 20° NE Sec. 20 1N 4W	2406'	5-15-64	G.L. 408'
Richie Oil Exploration	Mueller #1	330' N 330° E SW 20° NE Sec. 30 1N 5W	2285'	6-24-64	G.L. 428'
Jet Oil Company	Kob #1	330' S 330° W NE 20° SW Sec. 23 1N 1W	2185'	10-16-64	G.L. 427'
Swager Brothers	George Kleiboeker #1	330' S 330° W NE 20° SW Sec. 2 2N 1W	1700'	10-5-64	D.F. 456'
Collins Brothers Oil Co.	Swager	330' N 330° E SW 20° NW Sec. 10 2N 1W	1457'	4-16-64	G.L. 491'
	Schlettman #1	330' N 900° E SW Sec. 11 2N 1W	1583'		

Don Anderson.....	Elmer & Larvin Mattmiller #1.....	990'N 330'E SWc NE Sec. 31 2N 1W.....	1479'	12-22-64	G.L. 456'
Rudolph Behrens.....	Thomas #1.....	330'N 330'E SWc NE Sec. 14 2N 1W.....	1521'	7-4-64	G.L. 458, 3'
M. Mazzarino.....	Gulick #1.....	330'N 330'E SWc NE Sec. 28 2N 1W.....	1470'	10-28-64	G.L. 455, 5'
T. M. Conroy.....	Gulick #9.....	660'S 330'W NEc NE Sec. 25 2N 1W.....	1445'	9-26-64	G.L. 478'
Texasco Inc.....	C. Murphy #1.....	330'S 330'W NEc NE Sec. 2 2N 2W.....	1221'	12-22-64	G.L. 429'
Texasco Inc.....	C. Murphy #2.....	330'S 330'W NEc NE Sec. 2 2N 2W.....	1268'	12-23-64	G.L. 429'
Texasco Inc.....	C. Murphy #5.....	660'S 667'E NWc NE Sec. 2 2N 2W.....	887'	12-30-64	G.L. 429'
Texasco Inc.....	C. Murphy #7.....	330'S 330'E NWc NE Sec. 2 2N 2W.....	1244'	12-16-64	G.L. 425'
Texasco Inc.....	B. Ward #1.....	330'N 330'E SWc NE Sec. 2 2N 2W.....	1230'	12-23-64	G.L. 438, 7'
Herbert R. Weder.....	Gregory Buss #1-A.....	322'S 330'E NWc NE Sec. 9 2N 3W.....	988'	2-15-64	G.L. 431, 30'
Leland Monken.....	Schneider #1.....	330'N 330'E SWc NE Sec. 9 2N 3W.....	1013'	9-5-64	G.L. 450'
Noble Development Co.....	Breese Trenton Mining Co. #1.....	236'N 500'W SEc Sec. 15 2N 4W.....	2300'	11-19-64	
Joe L. Suderland, Donald Bertram & Warren E. Wingert.....	V. O. Ducomb #5.....	330'S 330'W NEc SW Sec. 13 3N 1W.....	1465'	12-12-64	
Joe L. Suderland, Donald Bertram & Warren E. Wingert.....	N. S. Kreidler #1.....	330'N 330'E SWc NE Sec. 13 3N 1W.....	1470'	12-9-64	G.L. 508'
N. A. Baldrige.....	Hemminghaus #1.....	990'S 990'W NEc SE Sec. 33 3N 1W.....	1405'	4-22-64	G.L. 478'
Jet Oil Company.....	Charles Curdt #1.....	330'N 330'W SEc SW Sec. 34 3N 1W.....	1410'	2-3-64	G.L. 481'
Texasco Inc.....	J. Defend #1.....	330'N 330'E SWc SE Sec. 35 3N 2W.....	1206'	12-22-64	G.L. 426'
Texasco Inc.....	P. Gray #1.....	990'N 330'W SEc SW Sec. 35 3N 2W.....	1211'	12-16-64	
Texasco Inc.....	P. Gray #1.....	990'S 660'W NWc SE Sec. 35 3N 2W.....	1930'	12-31-64	G.L. 428'
Texasco Inc.....	P. Gray #2.....	330'S 330'W NEc SW Sec. 35 3N 2W.....	1240'	12-9-64	G.L. 427'
Texasco Inc.....	P. Gray #2 Tract 3.....	330'N 330'E SWc NW Sec. 35 3N 2W.....	1230'	12-29-64	G.L. 426'
Texasco Inc.....	P. Gray #3.....	330'N 330'E SWc NE Sec. 35 3N 2W.....	1218'	12-15-64	G.L. 425'
Texasco Inc.....	P. Gray #3 Tract 3.....	330'N 330'E SWc NE Sec. 35 3N 2W.....	1212'	12-24-64	G.L. 428'
Texasco Inc.....	P. Gray #4.....	330'S 330'W NEc SW Sec. 35 3N 2W.....	1224'	12-15-64	G.L. 427'
Texasco Inc.....	P. Gray #5 Tract 3.....	330'N 330'E SWc SE Sec. 35 3N 2W.....	1228'	12-31-64	G.L. 431'
Texasco Inc.....	P. Gray Community #5.....	662'S 665'W NEc SW Sec. 35 3N 2W.....	2672'	12-21-64	G.L. 426'
Texasco Inc.....	P. Gray Community #9.....	1300'N 975'W SEc Sec. 35 3N 2W.....	900'	12-31-64	
Texasco Inc.....	P. Gray #15 Tract 3.....	330'N 330'E SWc NE Sec. 35 3N 2W.....	1224'	12-30-64	D.F. 432'
Texasco Inc.....	P. Gray #16 Tract 3.....	330'S 990'W NEc SW Sec. 35 3N 2W.....	1215'	12-28-64	D.F. 429'
Texasco Inc.....	P. Gray #18 Tract 3.....	1320'S 660'E NWc SE Sec. 35 3N 2W.....	1230'	12-28-64	D.F. 429'
Texasco Inc.....	P. Gray #20.....	660'N 1320'E SWc SE Sec. 35 3N 2W.....	1226'	12-16-64	D.F. 431'
Texasco Inc.....	P. Gray #21.....	330'N 330'E SWc NE Sec. 35 3N 2W.....	1230'	11-27-64	D.F. 432'
Texasco Inc.....	P. Gray #22.....	330'N 330'E SWc NE Sec. 35 3N 2W.....	1227'	12-8-64	D.F. 429'
Texasco Inc.....	P. Gray #23.....	330'N 330'E SWc NE Sec. 35 3N 2W.....	1225'	12-7-64	D.F. 429'
Texasco Inc.....	P. Gray #24.....	330'S 990'W NEc SE Sec. 35 3N 2W.....	1129'	12-7-64	G.L. 400'
Texasco Inc.....	P. Gray #25.....	330'S 990'E NWc NE Sec. 26 3N 3W.....	1129'	8-20-64	G.L. 418'
Texasco Inc.....	P. Gray #26.....	390'S 330'E NWc NE Sec. 5 1S 5W.....	2126'	6-10-64	G.L. 423'
Texasco Inc.....	P. Gray #27.....				
Texasco Inc.....	P. Gray #28.....				
Texasco Inc.....	P. Gray #29.....				
Texasco Inc.....	P. Gray #30.....				
Texasco Inc.....	P. Gray #31.....				
Texasco Inc.....	P. Gray #32.....				
Texasco Inc.....	P. Gray #33.....				
Texasco Inc.....	P. Gray #34.....				
Texasco Inc.....	P. Gray #35.....				
Texasco Inc.....	P. Gray #36.....				
Texasco Inc.....	P. Gray #37.....				
Texasco Inc.....	P. Gray #38.....				
Texasco Inc.....	P. Gray #39.....				
Texasco Inc.....	P. Gray #40.....				
Texasco Inc.....	P. Gray #41.....				
Texasco Inc.....	P. Gray #42.....				
Texasco Inc.....	P. Gray #43.....				
Texasco Inc.....	P. Gray #44.....				
Texasco Inc.....	P. Gray #45.....				
Texasco Inc.....	P. Gray #46.....				
Texasco Inc.....	P. Gray #47.....				
Texasco Inc.....	P. Gray #48.....				
Texasco Inc.....	P. Gray #49.....				
Texasco Inc.....	P. Gray #50.....				
Texasco Inc.....	P. Gray #51.....				
Texasco Inc.....	P. Gray #52.....				
Texasco Inc.....	P. Gray #53.....				
Texasco Inc.....	P. Gray #54.....				
Texasco Inc.....	P. Gray #55.....				
Texasco Inc.....	P. Gray #56.....				
Texasco Inc.....	P. Gray #57.....				
Texasco Inc.....	P. Gray #58.....				
Texasco Inc.....	P. Gray #59.....				
Texasco Inc.....	P. Gray #60.....				
Texasco Inc.....	P. Gray #61.....				
Texasco Inc.....	P. Gray #62.....				
Texasco Inc.....	P. Gray #63.....				
Texasco Inc.....	P. Gray #64.....				
Texasco Inc.....	P. Gray #65.....				
Texasco Inc.....	P. Gray #66.....				
Texasco Inc.....	P. Gray #67.....				
Texasco Inc.....	P. Gray #68.....				
Texasco Inc.....	P. Gray #69.....				
Texasco Inc.....	P. Gray #70.....				
Texasco Inc.....	P. Gray #71.....				
Texasco Inc.....	P. Gray #72.....				
Texasco Inc.....	P. Gray #73.....				
Texasco Inc.....	P. Gray #74.....				
Texasco Inc.....	P. Gray #75.....				
Texasco Inc.....	P. Gray #76.....				
Texasco Inc.....	P. Gray #77.....				
Texasco Inc.....	P. Gray #78.....				
Texasco Inc.....	P. Gray #79.....				
Texasco Inc.....	P. Gray #80.....				
Texasco Inc.....	P. Gray #81.....				
Texasco Inc.....	P. Gray #82.....				
Texasco Inc.....	P. Gray #83.....				
Texasco Inc.....	P. Gray #84.....				
Texasco Inc.....	P. Gray #85.....				
Texasco Inc.....	P. Gray #86.....				
Texasco Inc.....	P. Gray #87.....				
Texasco Inc.....	P. Gray #88.....				
Texasco Inc.....	P. Gray #89.....				
Texasco Inc.....	P. Gray #90.....				
Texasco Inc.....	P. Gray #91.....				
Texasco Inc.....	P. Gray #92.....				
Texasco Inc.....	P. Gray #93.....				
Texasco Inc.....	P. Gray #94.....				
Texasco Inc.....	P. Gray #95.....				
Texasco Inc.....	P. Gray #96.....				
Texasco Inc.....	P. Gray #97.....				
Texasco Inc.....	P. Gray #98.....				
Texasco Inc.....	P. Gray #99.....				
Texasco Inc.....	P. Gray #100.....				
Texasco Inc.....	P. Gray #101.....				
Texasco Inc.....	P. Gray #102.....				
Texasco Inc.....	P. Gray #103.....				
Texasco Inc.....	P. Gray #104.....				
Texasco Inc.....	P. Gray #105.....				
Texasco Inc.....	P. Gray #106.....				
Texasco Inc.....	P. Gray #107.....				
Texasco Inc.....	P. Gray #108.....				
Texasco Inc.....	P. Gray #109.....				
Texasco Inc.....	P. Gray #110.....				
Texasco Inc.....	P. Gray #111.....				
Texasco Inc.....	P. Gray #112.....				
Texasco Inc.....	P. Gray #113.....				
Texasco Inc.....	P. Gray #114.....				
Texasco Inc.....	P. Gray #115.....				
Texasco Inc.....	P. Gray #116.....				
Texasco Inc.....	P. Gray #117.....				
Texasco Inc.....	P. Gray #118.....				
Texasco Inc.....	P. Gray #119.....				
Texasco Inc.....	P. Gray #120.....				
Texasco Inc.....	P. Gray #121.....				
Texasco Inc.....	P. Gray #122.....				
Texasco Inc.....	P. Gray #123.....				
Texasco Inc.....	P. Gray #124.....				
Texasco Inc.....	P. Gray #125.....				
Texasco Inc.....	P. Gray #126.....				
Texasco Inc.....	P. Gray #127.....				
Texasco Inc.....	P. Gray #128.....				
Texasco Inc.....	P. Gray #129.....				
Texasco Inc.....	P. Gray #130.....				
Texasco Inc.....	P. Gray #131.....				
Texasco Inc.....	P. Gray #132.....				
Texasco Inc.....	P. Gray #133.....				
Texasco Inc.....	P. Gray #134.....				
Texasco Inc.....	P. Gray #135.....				
Texasco Inc.....	P. Gray #136.....				
Texasco Inc.....	P. Gray #137.....				
Texasco Inc.....	P. Gray #138.....				
Texasco Inc.....	P. Gray #139.....				
Texasco Inc.....	P. Gray #140.....				
Texasco Inc.....	P. Gray #141.....				
Texasco Inc.....	P. Gray #142.....				
Texasco Inc.....	P. Gray #143.....				
Texasco Inc.....	P. Gray #144.....				
Texasco Inc.....	P. Gray #145.....				
Texasco Inc.....	P. Gray #146.....				
Texasco Inc.....	P. Gray #147.....				
Texasco Inc.....	P. Gray #148.....				
Texasco Inc.....	P. Gray #149.....				
Texasco Inc.....	P. Gray #150.....				
Texasco Inc.....	P. Gray #151.....				
Texasco Inc.....	P. Gray #152.....				
Texasco Inc.....	P. Gray #153.....				
Texasco Inc.....	P. Gray #154.....				
Texasco Inc.....	P. Gray #155.....				
Texasco Inc.....	P. Gray #156.....				
Texasco Inc.....	P. Gray #157.....				
Texasco Inc.....	P. Gray #158.....				
Texasco Inc.....	P. Gray #159.....				
Texasco Inc.....	P. Gray #160.....				
Texasco Inc.....	P. Gray #161.....				
Texasco Inc.....	P. Gray #162.....				
Texasco Inc.....	P. Gray #163.....				
Texasco Inc.....	P. Gray #164.....				
Texasco Inc.....	P. Gray #165.....				
Texasco Inc.....	P. Gray #166.....				
Texasco Inc.....	P. Gray #167.....				
Texasco Inc.....	P. Gray #168.....				
Texasco Inc.....	P. Gray #169.....				
Texasco Inc.....	P. Gray #170.....				
Texasco Inc.....	P. Gray #171.....				
Texasco Inc.....	P. Gray #172.....				
Texasco Inc.....	P. Gray #173.....				
Texasco Inc.....	P. Gray #174.....				
Texasco Inc.....	P. Gray #175.....				
Texasco Inc.....	P. Gray #176.....				
Texasco Inc.....	P. Gray #177.....				
Texasco Inc.....	P. Gray #178.....				
Texasco Inc.....	P. Gray #179.....				
Texasco Inc.....	P. Gray #180.....				
Texasco Inc.....	P. Gray #181.....				
Texasco Inc.....	P. Gray #182.....				
Texasco Inc.....	P. Gray #183.....				
Texasco Inc.....	P. Gray #184.....				
Texasco Inc.....	P. Gray #185.....				
Texasco Inc.....	P. Gray #186.....				
Texasco Inc.....	P. Gray #187.....				
Texasco Inc.....	P. Gray #188.....				
Texasco Inc.....	P. Gray #189.....				
Texasco Inc.....	P. Gray #190.....				
Texasco Inc.....	P. Gray #191.....				
Texasco Inc.....	P. Gray #192.....				
Texasco Inc.....	P. Gray #193.....				
Texasco Inc.....	P. Gray #194.....				
Texasco Inc.....	P. Gray #195.....				
Texasco Inc.....	P. Gray #196.....				
Texasco Inc.....	P. Gray #197.....				
Texasco Inc.....	P. Gray #198.....				
Texasco Inc.....	P. Gray #199.....				
Texasco Inc.....	P. Gray #200.....				
Texasco Inc.....	P. Gray #201.....				
Texasco Inc.....	P. Gray #202.....				
Texasco Inc.....	P. Gray #203.....				
Texasco Inc.....	P. Gray #204.....				
Texasco Inc.....	P. Gray #205.....				
Texasco Inc.....	P. Gray #206.....				
Texasco Inc.....	P. Gray #207.....				
Texasco Inc.....	P. Gray #208.....				
Texasco Inc.....	P. Gray #209.....				
Texasco Inc.....	P. Gray #210.....				
Texasco Inc.....	P. Gray #211.....				
Texasco Inc.....	P. Gray #212.....				
Texasco Inc.....	P. Gray #213.....				
Texasco Inc.....	P. Gray #214.....				
Texasco Inc.....	P. Gray #215.....				
Texasco Inc.....	P. Gray #216.....				
Texasco Inc.....	P. Gray #217.....				
Texasco Inc.....	P. Gray #218.....				
Texasco Inc.....	P. Gray #219.....				
Texasco Inc.....	P. Gray #220.....				
Texasco Inc.....	P. Gray #221.....				
Texasco Inc.....	P. Gray #222.....				
Texasco Inc.....	P. Gray #223.....				
Texasco Inc.....	P. Gray #224.....				
Texasco Inc.....	P. Gray #225.....				
Texasco Inc.....	P. Gray #226.....				
Texasco Inc.....	P. Gray #227.....				
Texasco Inc.....	P. Gray #228.....				
Texasco Inc.....	P. Gray #229.....				
Texasco Inc.....	P. Gray #230.....				
Texasco Inc.....	P. Gray #231.....				
Texasco Inc.....	P. Gray #232.....				
Texasco Inc.....	P. Gray #233.....				
Texasco Inc.....	P. Gray #234.....				
Texasco Inc.....	P. Gray #235.....				
Texasco Inc.....	P. Gray #236.....				
Texasco Inc.....	P. Gray #237.....				
Texasco Inc.....	P.				

WELLS PLUGGED IN 1964—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
COLES COUNTY—Continued					
C. M. Faulkner	John Richardson #1	330° S 330° E Nw Sec. 23 11N 10E	422'	12-24-64	G.L. 624'
David F. Herley	Helen Hagan #1	330° N 330° E Swc Sec. 1 12N 7E	1988'	5-19-64	G.L. 685'
Harry J. Adams	Oliver #2	330° N 330° E Swc Sec. 2 12N 7E	1930'	5-10-64	G.L. 680'
James W. Menhall	Illinois Central R.R. Co. #13	990° N 141° E Swc Sec. 26 12N 7E	1971'	5-29-64	D.F. 733'
James W. Menhall	I. C. R.R. Co. #21	330° N 118° E Swc Sec. 26 12N 7E	1964'	11-10-64	D.F. 739'
E. C. Reeves	C. M. Walker #1-A	330° S 330° W Sec. 26 12N 7E	1984'	11-10-64	G.L. 735'
Tom L. Grace	Sophronia Sanders #1	990° N 330° W Sec. NW NE Sec. 34 12N 7E	2011'	10-2-64	G.L. 737'
James W. Menhall	Illinois Central R.R. #14	331.5 S 920° E Nw Sec. 35 12N 7E	1964'	5-29-64	D.F. 726'
Francis M. Pierce	Martha Eichelberger #1	330° N 330° W Sec. SW SW Sec. 31 12N 8E	2150'	1-29-64	G.L. 774'
Theo Meyers	Stewart & Goble Comm. #1	330° N 330° W Sec. NE NE Sec. 25 12N 10E	625'	10-3-64	G.L. 763.65'
Har-Ken Oil Company	W. H. Tracy #6	580° S 330° E Nw NE Sec. 27 13N 7E	1936'	4-11-64	G.L. 674.5'
M. H. Richardson	Hall #4	660° N 660° E Swc Sec. 26 14N 7E	2931'		G.L. 661.4'
CRAWFORD COUNTY					
Tidewater Oil Company	George Walters Well #6	200° N 1540° W Swc Nw NW Sec. 14 7N 13W	1072'	8-8-64	G.L. 522.1'
Tidewater Oil Company	George Walters #7	200° N 650° E Swc Nw NW Sec. 14 7N 13W	1009'	7-30-64	G.L. 522.9'
Marathon Oil Company	Sam Henry A/C 1 #7	170° S 100° W Nw Swc Sec. 15 7N 13W	987'	4-14-64	G.L. 506'
Marathon Oil Company	Eliza Reed A/C 1 #3	150° S 1250° E Nw NE Sec. 17 7N 13W	963'	4-2-64	
Marathon Oil Company	Eliza Reed A/C 1 #4	500° S 250° E Nw NE Sec. 17 7N 13W	997'	3-25-64	G.L. 484'
Marathon Oil Company	Amanda Dart #10	200° N 150° W Sec. NE Swc Sec. 18 7N 13W	937'	2-11-64	G.L. 484'
Marathon Oil Company	J. G. McKnight A/C 1 #43	240° S 270° E Nw Swc Sec. 18 7N 13W	959'	2-4-64	G.L. 494'
Marathon Oil Company	W. W. Arnold A/C 2 #14	635° S 630° W Nw NE Sec. 20 7N 13W	1000'	1-28-64	G.L. 506.3'
Marathon Oil Company	W. W. Arnold A/C 2 #16	635° S 250° W Nw Swc Sec. 20 7N 13W	978'	12-22-64	G.L. 507'
Marathon Oil Company	M. C. Stenz A/C 1 #1	175° S 450° E Nw Swc Sec. 21 7N 13W	1055'	12-15-64	G.L. 507'
Marathon Oil Company	J. V. Boyd O-20	330° S 330° E Nw Swc Sec. 21 7N 13W	1099'	8-8-64	G.L. 509'
Richard Bonelli	J. V. Boyd O-20	330° S 330° E Nw Swc Sec. 21 7N 13W	1038'	4-2-64	
Tidewater Oil Company	Ed Brucek	680° S 200° E Nw Swc Sec. 26 7N 13W	716'	5-20-64	G.L. 488'
Ed Brucek	Henry (Old Hole)	600° N 210° E Swc Swc Sec. 26 7N 13W	560'	5-13-64	G.L. 488'
Marathon Oil Company	John Wall #21	480° S 150° E Nw Swc Sec. 32 7N 13W	961'	5-28-64	
Marathon Oil Company	Wm. Wood #20	480° S 150° E Nw Swc Sec. 32 7N 13W	962'	4-28-64	
Marathon Oil Company	M. A. Jobe #2	1140° S 180° E Nw Swc Sec. 33 7N 13W	951'	11-19-64	
Marathon Oil Company	M. A. Jobe #3	670° S 130° W Nw Swc Sec. 33 7N 13W	914'	11-13-64	
Marathon Oil Company	M. A. Jobe #4	130° S 130° W Nw Swc Sec. 33 7N 13W	975'	4-21-64	
Marathon Oil Company	J. A. York #2	200° S 130° E Nw Swc Sec. 33 7N 13W	920'	4-13-64	
Marathon Oil Company	J. A. York #12	400° S 330° W Nw Swc Sec. 33 7N 13W	971'	11-25-64	G.L. 482'
Marathon Oil Company	J. A. York #28	330° N 330° E Nw Swc Sec. 34 7N 13W	953'	8-5-64	G.L. 485'
Paul Dollahan	F. W. Billingsley #2	1550° S 330° W Nw Swc Sec. 34 7N 13W	935'	9-14-64	
Paul Dollahan	F. W. Billingsley #3	25° N 420° E Swc NE Sec. 35 7N 13W	966'	9-30-64	G.L. 506'
Marathon Oil Company	J. N. Barnes #5	330° N 330° E Swc NE Sec. 35 7N 13W	952'	10-15-64	
Paul Dollahan	Holler-Winkle Comm. #1			9-16-64	

WELLS PLUGGED IN 1961—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
CRAWFORD COUNTY—Continued					
Elmer Novak & F. A. Zakowski	H. Parker #40	200' N 200' W S 8 E SE NW Sec. 15 5 N 12 W	980'	12-23-64	
Elmer Novak & F. A. Zakowski	H. Parker #53	100' N 660' W S 8 E NE NW Sec. 15 5 N 12 W	975'	12-19-64	
Elmer Novak & F. A. Zakowski	Vincent #26	330' N 330' E S 8 E NW Sec. 15 5 N 12 W	1022'	12-17-64	
Elmer Novak & F. A. Zakowski	George Parker #1	200' S 200' W S 8 E SE NW Sec. 16 5 N 12 W	950'	12-28-64	
Elmer Novak & F. A. Zakowski	George Parker #2	340' S 200' W N 8 E SE NW Sec. 16 5 N 12 W	950'	12-31-64	
Prudential Oil Company	Aldan Bussard Etal #1-A	990' N 330' E S 8 E NW Sec. 18 5 N 12 W	1510'	2-4-64	G.L. 457.4'
Prudential Oils Inc.	Orville Emmons #1-A	330' S 330' W S 8 E SE NW Sec. 18 5 N 12 W	1512'	12-22-64	G.L. 490.48'
Afield Oil Company	M. Bussard #3-A	330' S 330' W S 8 E NW Sec. 19 5 N 12 W	962'	9-15-64	
Tartan Oil Company	Joseph T. Lawrence #1-A	330' S 330' W N 8 E NW Sec. 20 5 N 12 W	1590'	5-22-64	G.L. 438'
Tartan Oil Company	Pinkstaff-Emmons #1	330' S 330' E N 8 E NW Sec. 20 5 N 12 W	1600'	5-18-64	G.L. 438'
Kirby Petroleum Company	Pinkstaff-Emmons #2	330' S 330' E S 8 E NW Sec. 20 5 N 12 W	1637'	5-16-64	D.F. 448'
Prudential Oil Company	Alice M. Coulter #1	330' N 330' W S 8 E NE NW Sec. 2 5 N 13 W	1384'	6-10-64	G.L. 454.5'
Prudential Oil Company	Helen Fitzpatrick #1	330' N 330' W S 8 E NW Sec. 10 6 N 11 W	820'	9-23-64	G.L. 461.87'
Oil & Gas Drillers & Producers, Inc.	Helen Fitzpatrick #2	330' S 330' E N 8 E NW Sec. 10 6 N 11 W	994'	9-19-64	
Oil & Gas Drillers & Producers, Inc.	Ewing #55	330' S 330' E N 8 E NW Sec. 31 6 N 11 W	980'	9-28-64	
Oil & Gas Drillers & Producers, Inc.	D. A. Reaville #1-A	330' S 330' E N 8 E NW Sec. 31 6 N 11 W	1012'	4-17-64	
Oil & Gas Drillers & Producers, Inc.	D. A. Reaville #50	330' S 330' E N 8 E NW Sec. 31 6 N 11 W	965'	8-28-64	
Mt. Carmel Drilling Company	Frank Bussard #13	660' S 660' E N 8 E NW Sec. 22 6 N 12 W	1050'	8-25-64	G.L. 539'
Mt. Carmel Drilling Company	John Cunningham #1	330' S 330' E N 8 E NW Sec. 23 6 N 12 W	1690'	9-12-64	G.L. 519'
Arden Dunlap	Harriett Eoff #2	200' N 200' E S 8 E NW Sec. 5 6 N 13 W	952'	4-20-64	G.L. 565'
Marathon Oil Company	Harriett Eoff #3	200' N 200' E S 8 E NW Sec. 5 6 N 13 W	950'	5-21-64	
Marathon Oil Company	Harriett Eoff #5	200' N 200' E S 8 E NW Sec. 5 6 N 13 W	975'	9-25-64	
Marathon Oil Company	Harriett Eoff #8	190' N 220' E S 8 E NW Sec. 5 6 N 13 W	997'	5-8-64	
Marathon Oil Company	D. P. Heck #6	190' N 220' E S 8 E NW Sec. 5 6 N 13 W	993'	3-19-64	
Marathon Oil Company	D. P. Heck #7	180' S 240' E N 8 E NW Sec. 5 6 N 13 W	953'	10-2-64	
Marathon Oil Company	D. P. Heck #8	180' S 240' E N 8 E NW Sec. 5 6 N 13 W	973'	3-5-64	
Marathon Oil Company	D. P. Heck #13	200' S 200' E S 8 E NW Sec. 5 6 N 13 W	957'	3-25-64	
Marathon Oil Company	D. P. Heck #11	220' S 220' W N 8 E SE NW Sec. 6 6 N 13 W	960'	12-31-64	
Marathon Oil Company	D. P. Heck #12	660' S 660' W N 8 E SE NW Sec. 6 6 N 13 W	964'	12-31-64	
Marathon Oil Company	M. Shilts #16	330' S 1060' E N 8 E SE NW Sec. 7 6 N 13 W	980'	8-14-64	G.L. 479'
Marathon Oil Company	C. Wakenman #17	660' S N 8 E NW Sec. 7 6 N 13 W	985'	4-20-64	
Marathon Oil Company	R. Keelley #5	190' S 250' E N 8 E NW Sec. 8 6 N 13 W	950'	6-15-64	
Marathon Oil Company	Marathon Oil Company	630' S 240' E N 8 E NW Sec. 8 6 N 13 W	957'	6-24-64	
Marathon Oil Company	Robert Keelley #10	200' S 200' W S 8 E NW Sec. 8 6 N 13 W	993'	2-27-64	
Marathon Oil Company	Suits #7	600' S 200' W N 8 E NE NW Sec. 8 6 N 13 W	1001'	6-8-64	
Marathon Oil Company	M. Shilts #8	50' S 500' E N 8 E NW Sec. 8 6 N 13 W	982'	5-27-64	
Marathon Oil Company	M. Shilts #15	210' S 200' E N 8 E NW Sec. 8 6 N 13 W	960'	5-4-64	
Marathon Oil Company	C. Wakenman #2	570' N 600' E S 8 E NW Sec. 8 6 N 13 W	994'	4-27-64	
Marathon Oil Company	C. Wakenman #1	330' N 330' E S 8 E NW Sec. 12 6 N 13 W	985'	8-19-64	
C. M. Smith	Orho Wilson #1	330' N 330' E S 8 E NW Sec. 14 6 N 13 W	1000'	10-6-64	G.L. 515.2'
Charles L. Parrish	Joy Miller Etal #1				

Marathon Oil Company.	W. Mann #23.	130°N 220°W SEc SE NW Sec. 15 6N 13W.	987.	12-11-64	G.L. 466'
Marathon Oil Company.	W. D. Walker #216	680°S 660°E NWe NE Sec. 15 6N 13W.	1004'	8-9-64	
Marathon Oil Company.	C. I. Weirich #3.	105°N 165°E SWc SE NW Sec. 15 6N 13W.	910'	12-12-64	
Marathon Oil Company.	C. T. Randolph #1.	130°S 170°W NEc NE NE Sec. 17 6N 13W.	978'	12-2-64	G.L. 450'
Marathon Oil Company.	J. C. Carlton #13.	210°N 180°E SWc SE NW Sec. 21 6N 13W.	944'	4-9-64	
Marathon Oil Company.	S. Shire #20.	15°S 690°W NEc SW NE Sec. 21 6N 13W.	928'	1-9-64	
Marathon Oil Company.	J. H. Wasson #7.	2350°S 1120°W NEc NE Sec. 21 6N 13W.	943'	5-25-64	
Marathon Oil Company.	A. R. Smith #21.	210°N 400°E SWc NE NW Sec. 22 6N 13W.	973'	11-1-64	
Hydroleum.	S. Tollah A/C #10.	180°N 210°E SWc SE NW Sec. 22 6N 13W.	977'	2-28-64	
Marathon Oil Company.	J. A. Smith #2.	330°S 330°W NEc SW Sec. 24 6N 13W.	1015'	5-14-64	G.L. 518'
Marathon Oil Company.	L. B. Wampler #7.	660°N 200°E SWc NW Sec. 25 6N 13W.	945'	6-8-64	G.L. 484'
Marathon Oil Company.	S. Weirich #12.	170°S 170°E NWc SE Sec. 26 6N 13W.	907'	3-3-64	
Keweenaw Oil Company.	Wright #33.	190°S 150°W SEc NE Sec. 26 6N 13W.	968'	6-17-64	
Marathon Oil Company.	J. W. Dennis #1.	210°S 200°E NEc NE NE Sec. 26 6N 13W.	612'	5-19-64	
Marathon Oil Company.	L. C. McCollipin A/C 2 #11.	220°N 660°W SEc NE NE Sec. 27 6N 13W.	964'	3-30-64	
Marathon Oil Company.	L. C. McCollipin A/C 2 #17.	220°S 770°E NWc NE NE Sec. 27 6N 13W.	980'	5-19-64	
Maharuka Company.	J. W. Bailey acct. #1 Well #2.	330°N 330°W SEc NE NW Sec. 28 6N 13W.	906'	5-1-64	
Marathon Oil Company.	C. P. Carlton #8.	640°S 180°E NWc NE NE Sec. 28 6N 13W.	937'	10-27-64	G.L. 469'
Marathon Oil Company.	C. P. Carlton #8.	350°N 150°E NWc NW Sec. 28 6N 13W.	937'	1-8-64	
Walter Duncan.	Lindsay #17.	350°N 150°E NWc NW Sec. 28 6N 13W.	983'	6-22-64	
Walter Duncan.	E. E. Lindsay #17.	350°N 150°E NWc NW Sec. 28 6N 13W.	983'	6-22-64	
W. L. Pickens.	E. F. Tobill #8.	300°S 330°W NEc SE NE Sec. 28 6N 13W.	946'	7-18-64	G.L. 473'
Walter Duncan.	E. F. Tobill #8.	300°S 330°W NEc SE NE Sec. 28 6N 13W.	969'	7-29-64	G.L. 470'
Walter Duncan.	E. F. Tobill #FW-12.	660°N 10°E SWc NE SE Sec. 28 6N 13W.	954'	8-18-64	G.L. 473'
Walter Duncan.	Lindsay #4.	375°S 225°W NEc SE Sec. 33 6N 13W.	980'	6-28-64	
Kenneth Chalfant.	Price-Taylor-Jackson-Meintyre #1.	200°N 230°W SEc SE NW Sec. 34 6N 13W.	948'	10-30-64	
Forest Oil Corporation.	Ea-X.	200°N 330°E SWc SW NE Sec. 6 7N 12W.	920'	7-13-64	
Forest Oil Corporation.	Athey EO-2X.	660°S 75°E NWc NW NE Sec. 6 7N 12W.	1003'	9-29-64	
Forest Oil Corporation.	Bonesteel Jones DvX.	220°S 230°W NWc NW NE Sec. 7 7N 12W.	937'	4-4-64	
Logan Oil Company.	Liken #10.	220°N 2600°W SEc SE NE Sec. 20 7N 12W.	1005'	6-5-64	
Logan Oil Company.	Liken #12.	220°N 185°W SEc SE NE Sec. 20 7N 12W.	1040'	5-29-64	
Logan Oil Company.	Liken #13.	220°N 1425°W SEc SE NE Sec. 20 7N 12W.	1020'	5-21-64	
Kelly, Conrad and Kaye.	Hall and Harris Lease.	450°N 450°W SWc SE NE Sec. 1 7N 13W.	225'	7-23-64	G.L. 545'
Marathon Oil Company.	J. W. McClane #4.	220°S 220°W NEc NW SW Sec. 2 7N 13W.	978'	6-22-64	
Marathon Oil Company.	J. H. Cooley #1.	220°S 220°E NWc SE NW Sec. 3 7N 13W.	983'	6-29-64	G.L. 539'
Forest Oil Corporation.	I. W. Smith #6.	312°N 320°E SWc SE Sec. 4 7N 13W.	917'	2-25-64	
Marathon Oil Company.	D. G. Walters #2.	600°S 1250°E NWc NW Sec. 7 7N 13W.	983'	8-21-64	
Marathon Oil Company.	D. G. Walters #5.	600°S 200°E NWc NW Sec. 7 7N 13W.	964'	2-26-64	
Marathon Oil Company.	D. G. Walters #6.	200°S 200°E NWc NW Sec. 7 7N 13W.	975'	10-26-64	
Marathon Oil Company.	D. G. Walters #7.	1100°S 700°E NWc NW Sec. 7 7N 13W.	986'	12-8-64	
Marathon Oil Company.	E. A. Headley #1.	600°S 150°W NEc NW NW Sec. 8 7N 13W.	976'	11-9-64	G.L. 506'
Marathon Oil Company.	A. Reed A/C 1 #5.	190°S 650°W NEc SE NW Sec. 8 7N 13W.	981'	11-30-64	G.L. 513'
Marathon Oil Company.	A. Reed A/C 3 #3.	200°N 200°E SWc NW Sec. 8 7N 13W.	972'	12-3-64	G.L. 490'
Marathon Oil Company.	A. Reed A/C 3 #9.	660°N 220°E SWc NW NW Sec. 8 7N 13W.	980'	3-5-64	G.L. 494'
Marathon Oil Company.	C. M. Stifle A/C 1 #12.	750°S 200°E NWc NE NW Sec. 8 7N 13W.	966'	11-3-64	G.L. 503'
Marathon Oil Company.	C. M. Stifle A/C 1 #15.	1150°S 100°W NEc NE NW Sec. 8 7N 13W.	1001'	11-20-64	G.L. 506'
Marathon Oil Company.	C. M. Stifle A/C 1 #27.	200°S 550°W NEc NE NW Sec. 8 7N 13W.	982'	11-12-64	G.L. 509'
Marathon Oil Company.	C. M. Stifle A/C 1 #28.	250°S 930°W NEc NE NW Sec. 8 7N 13W.	972'	10-29-64	G.L. 508'
Marathon Oil Company.	C. M. Stifle A/C 1 #30.	300°S 200°E NWc NE NW Sec. 8 7N 13W.	975'	11-25-64	G.L. 508'

WELLS PLUGGED IN 1964—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
CRAWFORD COUNTY—Concluded					
Marathon Oil Company.....	J. M. Drake #3.....	600'N 200'E SWc NE Sec. 9 7N 13W.....	981'	6- 6-64	G.L. 542'
Marathon Oil Company.....	J. M. Drake #10.....	1120'N 660'E SWc SW NE Sec. 9 7N 13W.....	980'	3- 6-64	G.L. 544'
Tidewater Oil Company.....	W. A. Howard #1.....	220'S 1100'W NEc SE Sec. 11 7N 13W.....	980'	2-10-64	G.L. 500.4'
Tidewater Oil Company.....	W. A. Howard #22.....	495'S 660'W NEc SE Sec. 11 7N 13W.....	1004'	2-11-64	G.L. 527.3'
CUMBERLAND COUNTY					
Beeson Oil Producer.....	Houser-Dougherty-Salem M. E. Church Comm. #1.....	540'N 860'E SWc NW Sec. 8 9N 9E.....	1140'	11-11-64	G.L. 539'
Tri-Arco, Inc.....	Houser-Dougherty-Salem M. E. Church Comm. #1.....	660'S 660'W NEc SW SW 16 9N 9E.....	4370'	11-12-64	G.L. 517'
Robert F. Dwyer.....	Charles Hays #1.....	990'S 330'E NWc SW SW 26 9N 9E.....	2670'	8- 3-64	G.L. 570.5'
Robert F. Dwyer.....	B. Stader #2.....	330'N 990'E SWc SW SW 26 9N 9E.....	2767'	8- 3-64	G.L. 574'
Parish Production Co.....	A. Glasier #1.....	330'S 330'W NEc SW SW 35 9N 9E.....	2746'	5- 5-64	G.L. 581'
Parish Production Co.....	Mervyn Green #1.....	330'S 400'W NEc NW SW Sec. 35 9N 9E.....	2729'	7-26-64	G.L. 514.2'
Parish Production Co.....	James Comm. #1.....	330'N 660'W NEc NE NW Sec. 35 9N 9E.....	2767'	8-18-64	G.L. 580'
Ehrhart & Armandtrout.....	Sedgewick-Coble #1.....	330'S 330'W NEc SW NW Sec. 35 9N 9E.....	2719'	10-14-64	G.L. 582'
Ehrhart & Armandtrout.....	R. Wetherholt #1.....	330'S 330'W NEc SE NE Sec. 2 9N 10E.....	980'	9- 5-64	G.L. 542'
Charles Keyser.....	Elías Coleman #1.....	330'S 330'E NWc SE SE Sec. 14 10N 9E.....	2475'	6-18-64	G.L. 542'
Lowell Redman.....	Unknown.....	90'N 60'W SEc SE SE Sec. 6 10N 11E.....	500'	5-21-64	G.L. 631'
Walter W. Hennigan.....	Kenneth Comer #1.....	220'N 220'W NEc SW SE Sec. 6 10N 11E.....	505'	5-18-64	G.L. 650'
Walter W. Hennigan.....	Kenneth Comer #1.....	990'S 330'W NEc NW Sec. 19 10N 11E.....	505'	12-21-64	G.L. 650'
Clarence Crouch.....	Clarence Crouch #1.....	990'S 330'W NEc NW Sec. 19 10N 11E.....	505'	12-21-64	G.L. 650'
DeWitt County					
R. H. McDaniel.....	Panta #1.....	960'N 330'W SEc SW Sec. 8 19N 2E.....	1815'	8-18-64	G.L. 641.3'
E. H. Kaufman.....	Rodman #2.....	330'S 380'W NEc NW Sec. 12 20N 4E.....	804'	1-10-64	G.L. 688'
E. H. Kaufman.....	Carmichael #1.....	330'N 330'E SWc NE Sec. 14 21N 1E.....	1585'	10-19-64	G.L. 698.4'
Don R. Luce, Trustee.....	Conn-Surdan #1.....	660'S 330'W NEc NW NE NW Sec. 22 21N 1E.....	1666'	5-10-64	G.L. 686.6'
Paul Walden.....	Leggett #1.....	330'S 330'E NEc NW NE NW Sec. 26 21N 2E.....	1237'	10-15-64	G.L. 739.20'
Lloyd A. Harris.....	Eva Burns #1.....	330'N 330'E SWc NW Sec. 15 21N 3E.....	1211'	6- 8-64	G.L. 795.30'
J. Ray McDermott & Co., Inc.....	Davis #1.....	990'N 330'E SWc NE Sec. 15 21N 3E.....	1210'	10-26-64	G.L. 790.4'
McRae Oil Corporation.....	Robert H. Davis #1.....	990'S 330'E NWc NE NW Sec. 15 21N 3E.....	1265'	4-23-64	G.L. 796.4'
Lloyd A. Harris.....	Kelley-Walsh #1.....	990'S 1650'E NWc SW Sec. 15 21N 3E.....	794'	6-15-64	G.L. 802'
James H. Welner.....	Beulah Quaid #1.....	990'S 990'E NWc SW Sec. 22 21N 3E.....	1217'	12- 6-64	G.L. 797'
W. C. Hill.....	C. R. Johnson #1.....	330'N 355'W SEc NW NW Sec. 25 21N 3E.....	1206'	11-24-64	G.L. 730'
Earl T. Pinney.....	Peavler #1.....	330'S 330'W NEc NW NW Sec. 29 21N 4E.....	1318'	10-31-64	G.L. 748'
Texaco Inc.....	Kenneth Johnson #1.....	330'S 330'E NWc SE Sec. 20 21N 4E.....	1352'	8-13-64	G.L. 743'
Winmar Oil Company.....	George Bailey #1.....	330'N 330'E SWc NW SE Sec. 31 21N 4E.....	1404'	8- 5-64	G.L. 758.4'

DOUGLAS COUNTY

Hill Production Company.....	Coley #1.....	330°N 330°E SWc SE SW Sec. 2 15N 7E.....	1650'	5-25-64	G.L. 672'
Hill Production Company.....	Coley #2.....	330°S 330°E NWc SE SW Sec. 2 15N 7E.....	1652'	5-27-64	-----
Hill Production Company.....	Coley #3.....	330°S 330°E SWc NE SW Sec. 2 15N 7E.....	1641'	5-23-64	-----
Hill Production Company.....	Coley #4.....	330°S 330°E NWc SE SW Sec. 2 15N 7E.....	1667'	7-25-61	-----
Hill Production Company.....	Coley #5.....	330°S 330°E SWc NW SW Sec. 2 15N 7E.....	1639'	6-2-64	-----
Hill Production Company.....	Jessie F. Coley #6.....	330°S 330°E SWc NW SW Sec. 2 15N 7E.....	1639'	5-13-64	G.L. 657'
Hill Production Company.....	Coley #7.....	330°S 330°E NWc SW NW Sec. 2 15N 7E.....	1650'	5-14-64	G.L. 658'
Louis Fabian.....	Marvin O. Jones #1.....	330°S 330°E SWc NW Sec. 7 15N 7E.....	1680'	5-23-64	G.L. 663'
E. H. Kaufman.....	Anna Spielman #1.....	330°S 330°E NWc NW Sec. 28 15N 7E.....	1708'	8-3-64	-----
Roman D. Miller.....	David Rice Jr. #1.....	990°S 990°E NWc Sec. 3 15N 8E.....	235'	12-25-64	G.L. 655'
EDGAR COUNTY					
R. V. & W. Development Co.....	O. McKinney #1.....	330°N 330°E SWc SE NE Sec. 33 13N 11W.....	2115'	1-8-64	G.L. 673'
C. M. Faulkner.....	Eugene See #1.....	330°S 330°W NEc SE Sec. 30 12N 13W.....	490'	2-28-64	G.L. 732'
Ralph W. Annear.....	Minnie Redman #1.....	330°N 330°E SWc SE Sec. 29 14N 12W.....	909'	5-22-64	G.L. 702'
Wausau Petroleum Corp.....	Sims #1.....	3550°N 3310°W SEc SE Sec. 14N 14W.....	1705'	12-10-64	G.L. 667 4'
Parlow & Cochonour.....	John S. Dunn #1.....	330°S 330°W NEc SE Sec. 31 16N 10W.....	1633'	7-31-64	G.L. 627 8'
Roman Miller.....	Luth Etal #1.....	330°N 330°W SEc SE NE SW Sec. 30 16N 13W.....	620'	9-30-64	G.L. 647'
EDWARDS COUNTY					
Robinson Production, Inc.....	Quigley #1.....	330°S 330°E NWc SW NW Sec. 1 1N 10E.....	3259'	11-21-64	G.L. 473'
N. V. W. mean Drilling Co.....	Abfield Comm. #1.....	330°N 330°W SEc SW NW Sec. 3 1N 10E.....	3291'	6-7-64	G.L. 437'
John W. Rudy.....	E. W. Brown #1.....	330°S 330°E NWc SW NW Sec. 12 1N 10E.....	3187'	7-27-64	G.L. 446'
John W. Rudy.....	M. Koencke #1.....	330°S 330°W SEc NW NW Sec. 12 1N 10E.....	3211'	7-21-64	G.L. 467'
Secony Mobil Oil Co., Inc.....	J. A. Luthe #2.....	330°S 330°W NEc NW NW Sec. 16 1N 10E.....	3291'	3-18-64	G.L. 456'
Martens Ciddock.....	William Miller #1.....	330°S 330°E NWc NE NE Sec. 30 1N 10E.....	3324'	6-18-64	G.L. 393'
Saders Oil Company.....	C. Rothrock #3.....	330°N 330°E SWc NW Sec. 6 1N 14W.....	3205'	5-1-64	-----
John M. Zanetta.....	Birk #1.....	330°N 1650°W SEc SW SE Sec. 36 2N 10E.....	3286'	4-24-64	G.L. 505'
Collins Brothers Oil Co.....	Earl Reid #1.....	330°S 330°W NEc SE SE Sec. 5 1S 10E.....	3370'	5-13-64	G.L. 427'
Raymond A. Messman.....	Emily Gould #1.....	660°S 330°E NWc NE NE NW Sec. 7 1S 11E.....	3351'	7-25-64	G.L. 507'
Harris & Rude.....	E. A. Rice #2.....	330°N 330°W SEc SW NW Sec. 16 1S 14W.....	3118'	1-25-64	G.L. 415'
The Noah Petroleum Co.....	Chas. J. Biggers #1.....	330°S 330°W SEc SW NW Sec. 13 2S 10E.....	3138'	12-1-64	G.L. 466'
The Noah Petroleum Co.....	A. Proctor #1.....	330°N 330°W SEc SE SW NE Sec. 20 2S 10E.....	3327'	12-4-64	G.L. 382'
N. V. Duncan Drilling Co.....	Roosevelt-Saxe Comm. #1.....	330°S 330°E SWc NE NE Sec. 21 2S 10E.....	3360'	8-29-64	D.F. 387'
Shure Oil Corporation.....	Kershaw-Elliott #1.....	330°N 330°W SEc SW NE Sec. 25 2S 10E.....	3023'	1-5-64	G.L. 491'
Noel Everett.....	Quentin Roosevelt #1-A.....	330°N 330°W SEc SW Sec. 25 2S 10E.....	2464'	12-7-64	G.L. 499'
Indiana Farm Bureau Coop. Assn., Inc.....	Quentin Roosevelt #1.....	330°N 330°W SEc SW Sec. 25 2S 10E.....	650'	4-27-64	G.L. 484'
Indiana Farm Bureau Coop. Assn., Inc.....	Lawrence Hallam #2.....	330°S 330°E NWc SW Sec. 32 2S 10E.....	3226'	5-9-64	G.L. 381'
Indiana Farm Bureau Coop. Assn., Inc.....	Lawrence Hallam #1.....	330°N 330°E SWc SW Sec. 31 2S 11E.....	3271'	5-6-64	G.L. 381'
T. Hooper Etal.....	Union Central Life Insurance Co. #1.....	990°N 330°E SWc NE SW Sec. 4 2S 14W.....	2900'	10-3-64	G.L. 505'
C. S. Taylor Drilling Contr.....	Gerault, Iles, Trustee #1.....	330°N 330°E SWc NE SW Sec. 10 2S 14W.....	3096'	12-3-64	G.L. 398'
Indiana Farm Bureau Coop. Assn., Inc.....	Messman #1.....	330°S 330°W NEc NW SW Sec. 10 2S 14W.....	3096'	12-3-64	G.L. 398'
J. W. Gallagher.....	J. L. Judge #1.....	330°N 330°W SEc NE SW Sec. 30 2S 14W.....	3230'	11-27-64	G.L. 486'

WELLS PLUGGED IN 1964—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
EFFINGHAM COUNTY					
Y. E. Hildreth.....	Elmer E. Berg #1.....	330°N 500°E SWE SE Sec. 17 6N 4E.	2330'	6-12-64	G.L. 588, 1'
D. M. Saff.....	Yates #2.....	330°N 330°E SWE NE Sec. 20 6N 5E.	2314'	10-20-64	G.L. 572'
David F. Herley.....	Yakovitz Smith, Danks Comm. #1	330°N 330°E SWE SW Sec. 43 6N 5E.	2485'	5-2-64	G.L. 566, 9'
Shakens Oil Company.....	Lillie Riehosen #1.....	330°N 330°W SWE SW Sec. 13 6N 5E.	2765'	6-16-64	G.L. 505'
Foran Oil Company.....	Blomker #1.....	330°N 330°W SWE SE Sec. 13 6N 6E.	2907'	7-1-64	G.L. 518'
M. H. Richardson.....	Woody #1.....	330°N 330°W SWE SW Sec. 13 6N 6E.	2890'	8-31-64	G.L. 514'
Willard McKinney.....	Amos Schwengel #3.....	330°N 330°W SWE SE Sec. 26 6N 6E.	2874'	9-19-64	G.L. 537, 38'
R. H. Troop.....	Jaycox #1.....	330°N 330°W SWE SE Sec. 20 6N 7E.	2862'	6-30-64	G.L. 552'
Robert D. Holsapple & Edith Holsapple.....	Anderson #1.....	330°N 330°W SWE SE Sec. 5 7N 5E.	3864'	1-8-64	G.L. 590'
David F. Herley.....	Wentzie #3.....	330°N 330°W SWE SE Sec. 13 7N 5E.	2479'	11-9-64	G.L. 568, 75'
Glen D. Griffith.....	Donbach #2.....	330°N 445°W NEE NW Sec. 17 7N 7E.	2722'	5-7-64	G.L. 518, 55'
R. O. Wilson.....	Clara Schmidt #1.....	330°N 330°W SWE NW Sec. 32 7N 7E.	2706'	8-30-64	G.L. 514, 7'
Floyd E. Thompson.....	Roy Workman #1.....	330°N 330°W SWE NW Sec. 7 8N 4E.	2799'	1-10-64	G.L. 568'
D. E. Harrison & Charles A. Stephens.....	Johnston #1.....	330°N 330°W SWE SE Sec. 18 8N 4E.	1539'	11-24-64	G.L. 592'
Arthur Larsen.....	Johnston #1.....	330°N 280°W SWE SE Sec. 18 8N 4E.	1547'	6-25-64	G.L. 590'
R. H. Troop.....	Charles Newburn #1.....	330°N 330°E NWE SE Sec. 26 8N 4E.	1555'	7-19-64	G.L. 590'
Walter Duncan.....	F. J. Thoele #1.....	330°N 330°E SWE SE Sec. 31 8N 6E.	1579'	8-6-64	G.L. 580'
M. H. Richardson.....	J. C. Hoffman #1.....	330°N 330°W SWE SE Sec. 22 9N 5E.	2581'	8-2-64	G.L. 583'
M. H. Richardson.....	Heiden #1.....	330°N 2525°W SWE Sec. 22 9N 5E.	2492'	6-19-64	G.L. 588'
M. H. Richardson.....	Ray Dunterman #1.....	330°N 330°E NWE NW Sec. 23 9N 5E.	2278'	10-28-64	G.L. 616, 66'
M. H. Richardson.....	Kessler #1.....	405°S 415°W NEE SW Sec. 23 9N 5E.	2277'	11-13-64	G.L. 616, 13'
M. H. Richardson.....	Kessler #2.....	330°N 330°W NEE SW Sec. 23 9N 5E.	2240'	12-22-64	G.L. 637'
M. H. Richardson.....	Klarman #B-1.....	330°N 330°W NEE SW Sec. 23 9N 5E.	2253'	11-3-64	G.L. 628, 59'
M. H. Richardson.....	Robison #1.....	330°N 330°W NEE NW Sec. 23 9N 5E.	2234'	10-11-64	G.L. 635, 41'
M. H. Richardson.....	Klarman #A-1.....	330°N 330°W NEE NW Sec. 23 9N 5E.	2271'	10-22-64	G.L. 631, 73'
M. H. Richardson.....	Klarman #A-1.....	330°N 330°E SWE NW Sec. 26 9N 5E.	2256'	10-16-64	G.L. 634, 28'
					G.L. 629, 98'
FAYETTE COUNTY					
National Associated Petroleum Co.....	Orpha E. Fairchild #1.....	330°N 1650°W SWE SW Sec. 31 4N 1W.	2725'	2-7-64	G.L. 430'
Bert R. Whitehead.....	Eberhardt #2.....	330°N 330°E NWE SW Sec. 15 3N 2E.	3234'	10-13-64	G.L. 597'
Louis Kapp.....	Naber-Mangus Comm. #1.....	330°N 330°W NEE SE Sec. 31 6N 3E.	3369'	8-23-64	G.L. 577'
Joe A. Dull.....	Holt-Ford Comm. #1.....	340°S 330°W NEE SE Sec. 31 6N 3E.	3367'	10-13-64	G.L. 577'
Dale Hopkins.....	Yates #1.....	330°N 330°W NEE SE Sec. 31 6N 3E.	3367'	5-2-64	G.L. 577'
Don R. Luce, Trustee.....	Eyman #1.....	330°N 330°W NEE SW Sec. 8 8N 1W.	2804'	7-2-64	G.L. 535'
Baugman & Osborn.....	Beck #1.....	330°N 330°W SWE NW Sec. 26 5N 1W.	1422'	3-2-64	G.L. 586'
L. E. Ostrom.....	Ben Lathen #1.....	330°N 1945°W SWE NW Sec. 19 6N 3E.	3118'	11-26-64	G.L. 572'
J. D. Roykendall.....	Hill-Rocherlin #2.....	330°N 330°E NWE SE NW Sec. 7 3N 3E.	1604'	7-7-64	G.L. 617'
J. D. Roykendall.....	Hill-Rocherlin #1.....	330°N 330°W SWE NW Sec. 2 7N 3E.	1604'	7-3-64	G.L. 614'
W. L. Belden.....	Joe Pruitt Blvd #1.....	330°N 330°W SWE SE NW Sec. 3 7N 3E.	1581'	7-31-64	G.L. 601'
W. L. Belden.....	Joseph Crum #2.....	330°N 330°E SWE SE NW Sec. 16 7N 3E.	1616'	8-20-64	G.L. 590'

W. L. Belden.....	Hinton Etal #1.....	330°S 330°E NWc SE NE Sec. 32 7N 3E.....	1605'	7-29-64	G.L. 604'
W. L. Belden.....	Hinton Etal #2.....	330°S 330°W NEc SE NE Sec. 32 7N 3E.....	1608'	7-29-64	G.L. 604'
R. H. Troop.....	T. L. Kider #1.....	330°N 330°E SWc NW SW Sec. 31 8N 1E.....	1655'	7-10-64	G.L. 584'
Ben H. Richards, Jr.....	Louie Franklin #1.....	330°S 330°W NEc SE NE Sec. 31 8N 1E.....	1730'	11- 9-64	G.L. 592, 7'
Humble Oil & Refining Co.....	Taylor-Doty #2-T.....	330°N 330°W SEc SW SE Sec. 12 8N 3E.....	1571'	1- 9-64	G.L. 600'
Humble Oil & Refining Co.....	Emuly Wood #12.....	330°S 330°E NWc SE SE Sec. 16 8N 3E.....	1719'	6- 8-64	G.L. 656'
W. L. Belden.....	Purtlar #2.....	330°N 330°W SEc NW SW Sec. 24 8N 3E.....	1625'	8- 7-64	G.L. 580'
W. L. Belden.....	Purtlar #1.....	330°N 330°E SWc NW SW Sec. 24 8N 3E.....	1581'	8- 7-64	G.L. 540'
Humble Oil & Refining Co.....	Ollie Workman #3-T.....	330°S 330°W SEc NE NW Sec. 24 8N 3E.....	1599'	11-13-64	G.L. 612'
Socoany Mobil Oil Co., Inc.....	Buzzard Brothers #12.....	330°S 330°W NEc SW NE Sec. 29 8N 3E.....	3901'	11-26-64	G.L. 525'
FORD COUNTY					
Milbarann Company, Inc.....	D. E. Harmon #1.....	330°S 330°E NWc SW NW Sec. 4 24N 7E.....	702'	6-26-64	G.L. 778'
FRANKLIN COUNTY					
E. E. Rehn.....	U. S. Steel-Martin #2.....	330°S 330°E NWc NE Sec. 21 5S 2E.....	2860'	9-14-64	G.L. 425, 5'
Braden Whittington.....	McAfoos #1.....	330°S 330°E NWc NW SE Sec. 18 5S 3E.....	2885'	10-14-64	G.L. 426, 6'
Gaud S. Marvin.....	Whittington #1.....	330°N 330°E SWc SW NW Sec. 18 5S 3E.....	3025'	10-27-64	G.L. 394'
Bryant & Bryant Oil Producers.....	Alva Cook #1.....	420°N 355°W SEc NE Sec. 20 5S 3E.....	2700'	6-21-64	G.L. 481'
Harry O. Whittington.....	Adams #3.....	331°N 675°W SEc NE NW Sec. 30 5S 3E.....	2227'	9-24-64	G.L. 453'
R. K. Petroleum Corporation.....	Rea #2.....	330°N 330°E SWc SE Sec. 8 6S 2E.....	2699'	10-31-64	G.L. 426, 21'
E. E. Rehn.....	Wesley Rea #2.....	400°S 330°W NEc SW NE Sec. 8 6S 2E.....	2850'	7-25-64	G.L. 461, 92'
Shell Oil Company.....	Benton Unit #182 (Formerly J. C. Shoemate #2).....	281°S 225° 0'E NWc NW SE Sec. 24 6S 2E.....	2147'	6-11-64	G.L. 402'
E. E. Rehn.....	Moore #1.....	330°S 330°W NEc NW NW Sec. 8 6S 3E.....	2984'	10-30-64	G.L. 438'
Coy Oil, Inc.....	U. S. Steel Benton #1.....	330°N 330°W SEc NW SE Sec. 9 6S 3E.....	3061'	6-25-64	G.L. 441, 8'
R. K. Petroleum Corporation.....	Freeman #3.....	320°N 110°W NEc SE SW Sec. 31 6S 3E.....	2810'	10-25-64	G.L. 403, 8'
R. H. Troop.....	Ruhl #1.....	330°S 330°W NEc NW NW Sec. 34 6S 3E.....	2729'	9-22-64	G.L. 400'
A. B. Vaughn.....	Bezhak #1.....	330°S 330°W NEc NW NW Sec. 17S 1E.....	2723'	10-15-64	G.L. 398'
A. B. Vaughn.....	Vaughn-Rice #1.....	330°S 330°W NEc NW NW Sec. 17S 1E.....	2752'	10-15-64	G.L. 411'
National Associated Petroleum Co.....	Bert Sims #1.....	330°S 330°W NEc NW NW Sec. 6 7S 1E.....	2806'	6- 5-64	G.L. 411'
Victor R. Gallagher.....	Zeigler Coal & Coke (West Plumfield Act.) #3.....	330°S 330°E NWc SE NE Sec. 13 7S 1E.....	2694'	10-10-64	G.L. 423'
Victor R. Gallagher.....	Zeigler Coal & Coke (West Plumfield Act.) #1.....	330°S 330°W NEc SW SE Sec. 13 7S 1E.....	2697'	10-25-64	G.L. 408'
Victor R. Gallagher.....	Zeigler Coal & Coke (West Plumfield Act.) #12.....	330°S 330°W NEc SE SE Sec. 13 7S 1E.....	2688'	11- 4-64	G.L. 420'
Victor R. Gallagher.....	Zeigler Coal & Coke (W. Plumfield Act.) #14.....	330°N 330°E SWc NW SE Sec. 13 7S 1E.....	2697'	11-18-64	G.L. 420'
A. B. Vaughn.....	Edmonds Community #1.....	330°N 330°E SWc NW NW Sec. 9 7S 2E.....	2726'	12-18-64	G.L. 394'
Shell Oil Company.....	Shell-Orient Waterflood Unit #3-W.....	196°S 330°W NEc SW NE Sec. 12 7S 2E.....	2945'	5- 2-64	G.L. 404'
Victor R. Gallagher.....	Zeigler Coal & Coke (South Plumfield Act.) #7.....	330°N 330°E SWc SE Sec. 18 7S 2E.....	2637'	6-10-64	G.L. 389'
Victor R. Gallagher.....	Zeigler Coal & Coke (South Plumfield Act.) #8.....	330°N 330°E SWc SE Sec. 18 7S 2E.....	2654'	7- 8-64	G.L. 401'
Victor R. Gallagher.....	Zeigler Coal & Coke Co. (Plumfield Act.) #13.....	330°S 330°E NWc SE SW Sec. 18 7S 2E.....	2670'	1-10-64	G.L. 376, 4'

WELLS PLUGGED IN 1964—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
FAVETTE COUNTY—Concluded					
Victor R. Gallagher	Zeigler Coal & Coke Co. (Plumfield Acct.) #14	330° S 330° E NWc SW SE Sec. 18 7S 2E	2641'	2-13-64	G.L. 378, 27'
Victor R. Gallagher	Zeigler Coal & Coke Co. (Plumfield Acct.) #15	330° S 330° W NEc SE Sec. 18 7S 2E	2645'	2-27-64	G.L. 376, 2'
Victor R. Gallagher	Zeigler Coal & Coke (Plumfield Acct.) #21	330° S 330° W NEc SW NW Sec. 18 7S 2E	2691'	5-27-64	G.L. 404'
Victor R. Gallagher	Zeigler Coal & Coke (Plumfield Acct.) #23	330° S 330° W NEc NW SW Sec. 18 7S 2E	2666'	6-30-64	G.L. 388'
Victor R. Gallagher	Zeigler Coal & Coke (Plumfield Acct.) #24	330° S 330° E NWc SW NE Sec. 18 7S 2E	2666'	7-16-64	G.L. 379'
Victor R. Gallagher	Zeigler Coal & Coke (Plumfield Acct.) #26	330° N 330° E SWc NW SW Sec. 18 7S 2E	2687'	10-4-64	G.L. 421'
Victor R. Gallagher	Zeigler Coal & Coke (South Plumfield Acct.) #5	330° S 330° W NEc NE NW Sec. 10 7S 2E	2653'	1-25-64	G.L. 399'
N. A. Baldrige	Fred Dawson #1	330° S 330° W NEc SW NW Sec. 24 7S 3E	2872'	12-2-64	G.L. 391'
R. H. Troop	Ruhl #2	330° S 330° W NEc NW NE Sec. 24 7S 3E	2638'	12-9-64	G.L. 407'
E. E. Rehn	Peabody-Funcannon #1	330° S 330° E NWc NE NE Sec. 8 7S 3E	2631'	1-19-64	G.L. 386'
Farrar Oil Company	Tomlinson-Peabody #1	330° S 330° E SWc NW NE Sec. 9 7S 3E	2633'	11-9-64	G.L. 428'
E. E. Rehn	Peabody #2	315° N 330° W SEC NW NW Sec. 16 7S 3E	2010'	8-16-64	G.L. 392, 9'
Robert C. McClement & Basil Killon	Boner #3	330° S 330° E NWc NE SE Sec. 3 7S 4E	2703'	11-15-64	G.L. 408, 80'
Acme Casing Pulling Co.	Trustees Tract "16" #3	330° N 330° E SWc SE SW Sec. 3 7S 4E	3123'	7-2-64	D.F. 508'
Acme Casing Pulling Co.	Trustees Tract "16" #4	330° N 330° W SEC SE SW Sec. 3 7S 4E	3114'	7-2-64	G.L. 498'
Acme Casing Pulling Co.	Trustees Tract "1" #1	330° N 330° W SEC NE NE Sec. 3 7S 4E	3125'	6-26-64	D.F. 494'
Barbara Bragg	D. L. Carter #2	330° S 330° E SWc SE Sec. 10 7S 4E	3125'	4-22-64	G.L. 496'
Acme Casing Pulling Co.	Mandrell #2	330° S 330° E NWc Sec. 10 7S 4E	3084'	6-27-64	D.F. 501'
Acme Casing Pulling Co.	Mandrell #3	330° S 330° W NEc NW NW Sec. 10 7S 4E	3098'	7-6-64	D.F. 493'
Barbara Bragg	Carter #6	233° S 240° W NEc NW NE Sec. 15 7S 4E	3119'	10-2-64	G.L. 511'
C. E. Brehm Drilling & Producing	Lowell #1	330° S 330° W NEc SE NE Sec. 25 7S 4E	3270'	8-6-64	G.L. 422'
FULTON COUNTY					
A. & B. Oil Company	Dean Clary #1	335° S 990° W SEC NE Sec. 9 4N 3E	1030'	5-28-64	G.L. 454'
A. & B. Oil Company	Delbert Freeman #1	125° S 338.66° W NEc SE NE SE Sec. 21 7N 5E	725'	3-18-65	G.L. 500'
GALLATIN COUNTY					
Murvin & Steber	C. Hill #1	330° S 330° W NEc Sec. 23 7S 8E	2913'	10-12-64	G.L. 415'
C. B. Earnest	Bruce Heirs #2	330° S 330° E NWc SW NW Sec. 32 7S 8E	2752'	4-29-64	G.L. 403'
National Assoc. Pet. Co.	Edward Stanley #1	480° N 330° W SEC SW NW Sec. 32 7S 8E	2893'	8-14-64	G.L. 356'
S. B. Griffith	Harvey-Blaizer Community #1	330° N 330° W SEC NE NW Sec. 20 7S 9E	2835'	10-28-64	G.L. 386'
Collins Brothers Oil Co.	Raymond Sanders #1	330° N 330° W SEC NW Sec. 34 7S 9E	3077'	7-14-64	G.L. 376'
National Assoc. Pet. Co.	Mobley-Giveus Community #1	330° N 330° W SEC SW Sec. 30 7S 10E	3000'	10-16-64	G.L. 369'

David Rolstein	Clarence Woolard #3	330° S 330° E NWC SE NW Sec. 7 8S 8E.	2986'	4-30-64	G.L. 406'
Crawford Production Co.	H. Edwards #1	330° S 330° W NE SE NE Sec. 10 8S 8E.	2950'	5-15-64	G.L. 377'
Phillips Petroleum Co.	Levert #2	990° N 330° E SW SE SW Sec. 3 8S 9E.	3035'	4-2-64	G.L. 376'
Jud Noble	Hoff #1	330° S 330° W NE SE Sec. 21 8S 9E.	2206'	7-24-64	G.L. 373'
Tamarack Pet. Co. Inc.	Edward Maloney #1	330° S 330° E NWC SE Sec. 35 8S 9E.	2983'	10-23-64	G.L. 378'
Tamarack Pet. Co. Inc.	Maloney #2	330° N 330° E SW SE NE Sec. 35 8S 9E.	2883'	10-23-64	D.F. 381'
Tamarack Pet. Co. Inc.	Maloney #3	330° N 330° E SW SE NE Sec. 35 8S 9E.	2879'	10-27-64	D.F. 376'
Tamarack Pet. Co. Inc.	Maloney #4	330° S 330° E NWC SE Sec. 35 8S 9E.	2871'	10-26-64	D.F. 372'
M. J. Williams	George T. Murphy #1	330° S 330° E NWC SE NW Sec. 4 8S 10E.	2938'	6-25-64	D.F. 353'
M. J. Williams	George T. Murphy #2	330° S 330° E NWC SE NW Sec. 4 8S 10E.	2776'	6-24-64	D.F. 348'
J. D. Turner	Egyptian Tie & Timber #1	330° S 330° E NWC SE NW Sec. 16 8S 10E.	2885'	8-26-64	G.L. 334'
Elmer M. Novak	Stinson #1	2310° N 330° W SW SE Sec. 25 8S 10E.	2925'	1-7-64	G.L. 342'
Coy Oil Inc.	Lawrence Kleiner #1	330° S 330° E NWC SE NW Sec. 30 8S 10E.	2043'	10-19-64	D.F. 362'
Coy Oil Inc.	Loretta Mossman #1	330° S 330° E NWC SE NW Sec. 31 8S 10E.	2752'	10-15-64	G.L. 357'
Coy Oil Inc.	Tucker #B-2	330° S 330° E NWC SE NW Sec. 31 8S 10E.	2061'	10-20-64	D.F. 365'
Mike Beeler Oil Co.	Crosley #1	330° S 330° W NE SE NW Sec. 20 9S 9E.	1717'	2-29-64	G.L. 354'
GREENE COUNTY					
Harold W. Kirchner	Erlay Brothers #1	330° N 330° W SE SE NW Sec. 9 11N 12W.	449'	5-11-64	G.L. 375'
H. W. Kirchner	Beggs #1	330° N 330° W SE SE NW Sec. 10 11N 12W.	441'	11-19-64	G.L. 362'
HAMILTON COUNTY					
Pep Drilling Company	Blanche Shelton #1	330° S 660° E NWC NW Sec. 21 3S 7E.	3270'	8-15-64	G.L. 389'
Everett Savage	A. E. Curry #1	660° S 660° W NE NW Sec. 25 3S 7E.	4272'	5-5-64	G.L. 373'
W. H. Ainsell	Curry #1	330° N 330° W SE NE NW Sec. 25 3S 7E.	4272'	11-5-64	G.L. 373'
Slagter Producing Co.	R. K. W. Leach #1	330° N 330° E SW NE NW Sec. 31 3S 7E 25 3S 7E.	4234'	1-18-64	G.L. 394'
Quilma Prop. Oil Co.	Rose Gladden Community #1	330° N 330° E SW NE NW Sec. 28 4S 7E.	3441'	2-17-64	G.L. 450'
N. A. Badridge	Nell Gladden Etal #2	330° S 330° W NE NW Sec. 34 5S 6E.	3003'	11-24-64	G.L. 431'
N. A. Badridge	S. F. Swartz #1	51° S 584° W SE NE NW Sec. 34 5S 6E.	1305'	1-7-64	G.L. 403'
N. A. Badridge	Walter Stover #1	330° S 330° W NE NE NW Sec. 3 6S 5E.	2955.70'	11-18-64	G.L. 515'
R. H. Troop	L. H. Hingate #2	330° N 330° E SW SE NW Sec. 11 6S 5E.	3219'	6-3-64	G.L. 540'
R. H. Troop	L. E. Hingate #1	660° S 660° W NE SE NW Sec. 11 6S 5E.	3256'	7-1-64	G.L. 549'
R. H. Troop	Minnie Flannigan Heirs #1	330° N 330° E SW SE NW Sec. 11 6S 5E.	3205'	6-27-64	G.L. 531'
Gulf Oil Corporation	James S. Clark #1	330° S 330° E SW SE NW Sec. 11 6S 5E.	3224'	7-24-64	D.F. 546'
Gulf Oil Corporation	Clark Unit #2	330° S 330° W NE SE NW Sec. 11 6S 5E.	3218'	7-20-64	G.L. 546'
Gulf Oil Corporation	James S. Clark #3	330° S 330° W NE SE NW Sec. 11 6S 5E.	3272'	7-27-64	D.F. 578'
American Pump & Supply Co.	Lena James #1	330° S 330° W NE SE NW Sec. 11 6S 5E.	3366'	12-9-64	D.F. 501'
Gulf Oil Company	Rural Hill P-5	330° S 330° W NE SE NW Sec. 14 6S 5E.	3290'	7-11-64	D.F. 467'
Gulf Oil Company	J. O. Clark #1	330° S 330° E NW SE NW Sec. 14 6S 5E.	3258'	7-29-64	D.F. 534'
Gulf Oil Company	Wm. F. Morlan #1	979° S 330° E NW SE NW Sec. 14 6S 5E.	3200'	8-4-64	D.F. 481'
Gulf Oil Company	J. O. Clark #2	330° N 330° E SW NE NW Sec. 14 6S 5E.	3142'	7-30-64	D.F. 521'
Gulf Oil Company	S. Lockwood #3	330° S 330° E SW NE NW Sec. 14 6S 5E.	3134'	8-7-64	D.F. 445'
Gulf Oil Company	Culpepper #1	330° S 330° E NWC SE NW Sec. 14 6S 5E.	3190'	8-29-64	D.F. 447'
Gulf Oil Company	Culpepper #2	330° N 990° E NW SE NW Sec. 14 6S 5E.	3121'	9-2-64	D.F. 471'
Gulf Oil Corporation	Culwar #6	1640° N 330° W SE NE NW Sec. 14 6S 5E.	3281'	8-24-64	D.F. 488'
Gulf Oil Corporation	Rural Hill J-1	330° S 330° W NE NE NW Sec. 14 6S 5E.	3194'	9-29-64	D.F. 545'
Gulf Oil Corporation	Rural Hill J-3	380° S 330° W NE NE NW Sec. 14 6S 5E.	3325'	10-5-64	D.F. 538'
E. H. Kaufman	Flanagan #3	330° S 330° W NE SE NW Sec. 14 6S 5E.	3158'	12-11-64	D.F. 521'

WELLS PLUGGED IN 1904—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
HAMILTON COUNTY—Concluded					
E. H. Kaufman	West Rural Hill Unit #7-F	330°N 330°E SWc NW Sec. 14 6S 5E	3280'	12-19-64	D.F. 482'
E. H. Kaufman	West Rural Hill Unit #1-W	330°S 330°E NWc SE Sec. 14 6S 5E	3280'	12-21-64	D.F. 482'
E. H. Kaufman	West Rural Hill Unit #2	330°N 330°E NWc NW Sec. 14 6S 5E	3072'	11-27-64	D.F. 444'
E. H. Kaufman	West Rural Hill Unit #1-2S	330°S 330°E NWc NW Sec. 14 6S 5E	2923'	11-25-64	G.L. 552'
E. H. Kaufman	Wangen #6	330°S 330°E NWc NW Sec. 14 6S 5E	3265'	12-20-64	G.L. 562'
E. H. Kaufman	West Rural Hill Unit Tract #F-1S	330°N 330°E SWc NW Sec. 14 6S 5E	3085'	12-20-64	D.F. 500'
E. H. Kaufman	West Rural Hill Unit Tract #F-5-W	330°N 330°E SWc NW Sec. 14 6S 5E	3160'	12-10-64	D.F. 511'
E. H. Kaufman	West Rural Hill Unit F #2-W	330°S 330°E NWc NW Sec. 14 6S 5E	3160'	12-12-64	D.F. 520'
E. H. Kaufman	West Rural Hill Unit F #4-W	330°S 330°E NWc NW Sec. 14 6S 5E	3158'	12-16-64	D.F. 482'
Pierre Kuypers	Lockwood #1	330°N 330°W SWc SE Sec. 15 6S 5E	3253'	2-12-64	D.F. 439'
Gulf Refining Company	Lockwood #2	330°N 330°W SWc SE Sec. 15 6S 5E	3253'	7-14-64	G.L. 539'
Pierre Kuypers	Lockwood #3	330°S 330°E SWc SE Sec. 15 6S 5E	3315'	8-14-64	G.L. 538'
Gulf Oil Company	West Rural Hill Unit #H-3	330°S 330°E SWc SE Sec. 15 6S 5E	3174'	7-31-64	D.F. 447'
Gulf Oil Corporation	West Rural Hill Unit Tract #8-T	330°S 330°W SWc NW Sec. 23 6S 5E	3150'	8-15-64	D.F. 451'
Sail Oil Company	J. D. Lockwood #6-A	330°N 330°E SWc NW Sec. 23 6S 5E	3116'	7-10-64	D.F. 440'
Gulf Oil Company	Lockwood #1	330°S 330°W SWc NW Sec. 23 6S 5E	3117'	8-1-64	G.L. 437'
Gulf Oil Corporation	Lockwood #C' #1	330°S 330°W SWc NW Sec. 23 6S 5E	3128'	8-12-64	D.F. 444'
Gulf Oil Corporation	J. D. Lockwood #A' #4	330°N 330°E SWc NW Sec. 23 6S 5E	3117'	8-17-64	D.F. 436'
Gulf Oil Corporation	West Rural Hill Unit Tract F Well #2-W	330°N 330°E SWc NW Sec. 23 6S 5E	3124'	8-18-64	D.F. 437'
National Drilling Co., Inc.	Moore #1	330°S 330°E NWc SW Sec. 25 6S 5E	3170'	11-20-64	D.F. 473'
C. E. Brehm	Ryan #1	330°S 330°W NWc SE Sec. 25 6S 5E	3250'	10-22-64	G.L. 432'
Chris Pearson	Grimes #2	330°S 330°W NWc NW Sec. 26 6S 5E	3065'	10-9-64	-----
William Gingerich, Jr. & William McCaughy	R. H. Irvin #1	330°N 330°E SWc NW Sec. 26 6S 5E	3309'	9-15-64	G.L. 381'
William Gingerich, Jr. & William McCaughy	R. H. Irvin #2	330°N 330°E SWc NW Sec. 26 6S 5E	3285'	9-28-64	G.L. 378'
Sail Oil Company, Inc.	Cotter-Rhoads Community #1	330°S 330°W SWc NW Sec. 23 6S 5E	3323'	7-28-64	G.L. 423.5'
H. D. Atha	Davis #1	330°N 330°W SWc NW Sec. 33 6S 6E	3195'	3-30-64	G.L. 448'
Farrar Oil Company	Irvin #3	330°S 330°W NWc NW Sec. 35 6S 6E	3163'	2-6-64	G.L. 392'
T. M. Banc	Irvin-Smith Community #1	330°S 330°E NWc SE Sec. 35 6S 6E	3325'	5-8-64	G.L. 415'
C. E. Brehm Drilling & Prod.	Susie McFarland #1	330°S 330°E NWc SE Sec. 47S 5E	3228'	1-8-64	G.L. 495'
Farrar Oil Company	Tate Community #1	330°S 330°E NWc SE Sec. 16 7S 5E	3330'	1-19-64	G.L. 500'
HANCOCK COUNTY					
A. W. Murphy	George R. White #1	330°S 330°W NWc SE Sec. 5 3N 5W	610'	1-2-64	G.L. 637'
Ralph V. Emery	Gordon #1	330°S 330°W NWc SE Sec. 34 3N 5W	640'	7-10-64	G.L. 602'
C. M. Faulkner	Griffith #1	330°N 330°W NWc SE Sec. 1 4N 5W	419'	7-24-64	G.L. 505'
Glen Huff	Rosenboom #1	330°S 330°E NWc NW Sec. 6 4N 5W	710'	10-26-64	G.L. 645'
Swanson and Hanson	Ketter Banks #1	330°S 330°W NWc SE Sec. 16 5N 5W	600'	5-15-64	G.L. 619'

HENDERSON COUNTY

Lee Werner.....

Evans #1.....

1650' N 379' W SEc SW Sec. 2 8 N 6 W.....

802'.....

9-22-64.....

G.L. 553'.....

JACKSON COUNTY

Texaco Inc.....
Ray Grammer.....A. L. Harsha #1.....
Kenneth Grammer #1.....660' N 660' E SWc NE Sec. 11 7 S 2 W.....
330' N 330' W SEc NE SE Sec. 11 10 S 2 W.....4660'.....
2135'.....9-12-64.....
6-21-64.....G.L. 438'.....
G.L. 390'.....

JASPER COUNTY

Southern Illinois Oil Producers, Inc.

Huddleston #1.....

330' N 330' E SWc NE SE Sec. 12 5 N 9 E.....

2963'.....

4-11-64.....

G.L. 521'.....

John M. Zanetti.....

O. J. Millman #1.....

330' N 330' W SEc Sec. 2 5 N 10 E.....

2963'.....

12- 9-64.....

G.L. 482'.....

Acme Casing Pulling Co.

Kenneth Robbins #6.....

330' S 330' E NWc SE Sec. 14 5 N 10 E.....

2924'.....

9-23-64.....

G.L. 478'.....

Acme Casing Pulling Co.

Kenneth Robbins #7.....

330' S 330' E NWc SE Sec. 14 5 N 10 E.....

2926'.....

9-17-64.....

G.L. 479'.....

Acme Casing Pulling Co.

Kenneth Robbins #3.....

330' N 330' W SEc NE SE Sec. 14 5 N 10 E.....

2919'.....

9-25-64.....

G.L. 475'.....

The Pure Oil Company.....

Kenneth Robbins #8.....

330' N 330' W SEc NE SE Sec. 14 5 N 10 E.....

2935'.....

9-30-64.....

G.L. 478'.....

The Pure Oil Company.....

I. W. Dickerson #3.....

671' N 1657' E SWc NW Sec. 17 5 N 10 E.....

2833'.....

10-13-64.....

G.L. 546'.....

The Pure Oil Company.....

G. E. Adams #4.....

726' S 994' E NWc NE Sec. 20 5 N 10 E.....

2830'.....

11-12-64.....

G.L. 483'.....

The Pure Oil Company.....

G. E. Adams #4.....

726' S 994' E NWc NE Sec. 20 5 N 10 E.....

2833'.....

11-13-64.....

G.L. 482'.....

Wayne S. Davis.....

Tedford Consolidated #2.....

665' S 330' E NWc NE SE Sec. 20 5 N 10 E.....

2830'.....

5-16-64.....

G.L. 482'.....

M. L. Van Fossan.....

C. G. Riley #1.....

330' N 330' W SEc NE SE Sec. 20 5 N 10 E.....

3150'.....

4- 9-64.....

G.L. 554'.....

F. M. Minor Drilling Co.

Jerome Oels #1.....

330' S 330' E NWc NE SE Sec. 16 6 N 9 E.....

2848'.....

9-28-64.....

G.L. 475'.....

Space Petroleum Company.....

Matilda Ritz #1.....

330' S 330' E NWc NE SE Sec. 4 6 N 10 E.....

2747'.....

9-27-64.....

G.L. 471'.....

Space Petroleum Company.....

Houser-Sears #3.....

330' N 330' W SEc NW Sec. 11 6 N 10 E.....

2823'.....

12-30-64.....

G.L. 470'.....

Space Petroleum Company.....

Fannie Albright #5.....

330' N 330' W SEc NW Sec. 21 6 N 10 E.....

2811'.....

4-21-64.....

G.L. 521'.....

Willard Richardson.....

George Phillips #1.....

330' S 330' E NWc NE Sec. 28 6 N 10 E.....

2809'.....

7- 8-64.....

G.L. 538'.....

Willard McKinney.....

Wm. Phillips #1.....

330' S 330' E NWc NE Sec. 22 7 N 9 E.....

2933'.....

8-1-64.....

G.L. 490'.....

B. L. Harsha.....

W. R. Ryan #1.....

330' S 330' W SEc NW Sec. 22 7 N 9 E.....

2900'.....

12-16-64.....

G.L. 491'.....

Dominic Diprizio.....

Winney #2.....

330' S 330' W SEc NW Sec. 27 7 N 9 E.....

2979'.....

1-28-64.....

G.L. 527'.....

Donna H. Canham.....

Warfel #1.....

330' N 330' E NWc NW Sec. 27 7 N 9 E.....

2973'.....

5-19-64.....

G.L. 552'.....

M. H. Richardson.....

Tanner #1-C.....

330' N 330' E NWc NW Sec. 29 7 N 9 E.....

3078'.....

1-22-64.....

G.L. 557'.....

Morris H. Canham.....

Robert Beam #1.....

330' N 330' W SEc NE Sec. 31 7 N 9 E.....

3030'.....

6-14-64.....

G.L. 555'.....

Walter O. Lindstrom.....

Harry S. Tanner #1D.....

330' S 330' E NWc NW Sec. 32 7 N 9 E.....

3027'.....

8-14-64.....

G.L. 558'.....

Walter O. Lindstrom.....

Tanner #2-A.....

330' S 330' E NWc NW Sec. 32 7 N 9 E.....

3045'.....

2-29-64.....

G.L. 558'.....

Fred I. Anson.....

M. Earnest #1.....

330' S 990' W NEc NE Sec. 32 7 N 9 E.....

3034'.....

7-21-64.....

G.L. 556'.....

Fred I. Anson.....

Katherine Schissel #1.....

330' N 990' W NEc NE Sec. 32 7 N 9 E.....

3021'.....

8- 7-64.....

G.L. 558'.....

Fred I. Anson.....

K. Schissel #2.....

330' S 330' E NWc NE Sec. 16 7 N 10 E.....

2788'.....

1-29-64.....

G.L. 526'.....

Fred I. Anson.....

Cower #1.....

330' S 330' E NWc NW Sec. 16 7 N 10 E.....

2786'.....

1-30-64.....

G.L. 526'.....

Fred I. Anson.....

Kerner #4.....

330' N 330' E NWc NW Sec. 21 7 N 10 E.....

2776'.....

11-10-64.....

G.L. 527'.....

Fred I. Anson.....

A. G. Kerner #2.....

330' N 330' E NWc NW Sec. 21 7 N 10 E.....

2788'.....

9-10-64.....

G.L. 533'.....

Fred I. Anson.....

Adam Reiser #2.....

330' N 330' W SEc NE Sec. 21 7 N 10 E.....

2789'.....

12-15-64.....

G.L. 533'.....

Eagle Exploration Co.....

Schedbauer Etal #2.....

330' N 330' W SEc NE Sec. 21 7 N 10 E.....

2788'.....

11- 8-64.....

G.L. 533'.....

Southern Illinois Oil Producers, Inc.....

Martin #1.....

330' S 330' E NWc NW Sec. 23 7 N 10 E.....

2690'.....

9-14-64.....

G.L. 532'.....

Ferguson-Parrr Community #1.....

Ferguson-Parrr Community #2.....

330' N 330' W NEc NE Sec. 24 7 N 10 E.....

2626'.....

4-22-64.....

G.L. 520'.....

Ferguson-Parrr Community #2.....

Ferguson-Parrr Community #2.....

330' S 990' W NEc NE Sec. 24 7 N 10 E.....

2637'.....

4-14-64.....

G.L. 524'.....

WELLS PLUGGED IN 1964—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
JASPER COUNTY—Concluded					
Southern Illinois Oil Producers, Inc.	Parr Community #2	330°S 90°E NWc SW Sec. 24 7N 10E	2650'	4-13-64	G.L. 523'
Eagle Exploration Co.	Chapman #1	330°S 330°E NWc NE Sec. 28 7N 10E	2758'	1-3-64	G.L. 542'
Fred I. Anson	Nora Powers #1	330°S 330°E NWc NE Sec. 28 7N 10E	2780'	9-11-64	G.L. 532'
Fred I. Anson	A. G. Kerner #1	330°S 330°E NWc NE Sec. 28 7N 10E	2793'	12-17-64	G.L. 535'
Fred I. Anson	C. A. Kerner #1	330°S 330°W NWc NE Sec. 28 7N 10E	2788'	9-9-64	G.L. 522'
Fred I. Anson	C. A. Moschench #3	330°S 90°E NWc SE Sec. 28 7N 10E	2772'	2-21-64	G.L. 479 9'
Fred I. Anson	Victor Brock #1	330°S 330°E NWc NE Sec. 31 7N 10E	2826'	2-25-64	G.L. 528'
Eagle Exploration Co.	John Yager #1	330°S 330°E NWc NE Sec. 33 7N 10E	2860'	11-18-64	G.L. 531'
Eagle Exploration Co.	R. A. Bechtel #1	330°S 330°E NWc NE Sec. 34 7N 10E	2740'	1-2-64	G.L. 538'
Shelburne Brothers	Henry C. Dohren #1	330°S 660°W SWc NE Sec. 34 7N 10E	2781'	9-15-64	G.L. 522'
Bartley B. Reinberg	F. G. Schaeckmann #1	330°S 330°E NWc NE Sec. 35 7N 10E	2706'	12-5-64	G.L. 519'
Charles Keyser	M. Vanatta #1	330°S 330°E NWc NE Sec. 13 8N 9E	2771'	7-22-64	G.L. 572'
Hill Production Company	Carpenter #1	330°S 330°E NWc NE Sec. 17 8N 9E	4242'	5-22-64	G.L. 570'
Pure Oil Company	Charley Lockart WW #1	2635°N 50°W SWc Sec. 15 8N 14W	116'	4-29-64	G.L. 508'
JEFFERSON COUNTY					
Clyde D. House & J. B. Gholson	Hartley #1-B	330°S 330°E NWc SW NE Sec. 8 1S 1E	2068'	6-24-64	G.L. 571'
Homor Rutherford	Dallavia #1	990°N 330°E SWc SE SW NE Sec. 16 1S 1E	2149'	11-24-64	G.L. 541'
Eber McEndree	Vina J. Wimberly #1	330°S 330°E NWc NE NW Sec. 1 1S 2E	2433'	5-16-64	G.L. 620'
Bill Montgomery	Copple Heirs #1	330°S 330°W SWc NW SW Sec. 4 1S 2E	2036'	1-5-64	G.L. 561'
Wanda Garren	J. E. Boles #1	330°N 620°W SWc NW SW Sec. 8 1S 2E	2353'	1-30-64	G.L. 562 6'
National Assoc. Pet. Co.	Warren-Southern Railway Unit #1	330°N 330°W SWc NE Sec. 14 1S 2E	2543'	8-6-64	G.L. 551'
The Superior Oil Co.	Boyd Field Unit—J. C. Bizot "B" #5	1420°S 660°E NWc SE Sec. 30 1S 2E	2173'	2-10-64	G.L. 527'
E. Homer Jahn	Archie Brookman #1	330°N 330°E NWc SE NW Sec. 13 1S 3E	3228'	3-24-64	G.L. 538'
David F. Herley	Campbell #2	330°N 330°E NWc SE NW Sec. 15 1S 3E	2766'	10-3-64	D.F. 566'
David F. Herley	W. E. Hanes #1	330°S 330°E NWc NE NW Sec. 15 1S 3E	2794'	10-17-64	G.L. 580'
David F. Herley	D. E. Hanes #2	330°S 330°E NWc NE NW Sec. 15 1S 3E	2872'	10-18-64	G.L. 578'
Higgins-Whittinghill	D. E. Hanes #1	330°S 330°E NWc NE NW Sec. 15 1S 3E	2837'	10-8-64	D.F. 569'
Higgins-Whittinghill	J. O. Campbell #1	330°S 330°E NWc NE NW Sec. 15 1S 3E	2769'	10-6-64	D.F. 574'
Higgins-Whittinghill	J. O. Campbell #3	330°S 330°E NWc NE NW Sec. 15 1S 3E	2769'	10-20-64	D.F. 553'
David F. Herley	Nettie E. Myers #1	330°S 330°W NWc NE NW Sec. 22 1S 3E	2876'	9-11-64	G.L. 582'
Homor Rutherford	Wimberly-Chambliss #1	660°S 330°W NWc NE NW Sec. 26 1S 3E	2538'	7-28-64	G.L. 582'
N. A. Baldrige	Sechrest #1	330°S 330°E NWc NE NW Sec. 14 1S 4E	2448'	4-24-64	G.L. 483'
Gulf Refining Co.	Amanda #1	330°N 330°E NWc SE NW Sec. 14 1S 4E	2719'	5-25-64	D.F. 589'
Gulf Oil Corporation	Currell S. Gaston #1	330°N 330°W SWc SE NW Sec. 15 1S 4E	2844'	5-16-64	D.F. 589'
Gulf Oil Corporation	C. S. Gaston #3	330°N 330°W SWc SE NW Sec. 15 1S 4E	2846'	5-16-64	D.F. 589'
James T. Hurt	Gale Bond #1	330°S 330°W NWc NE NW Sec. 13 1S 4E	2345'	12-2-64	G.L. 503'
Gulf Oil Corporation	H. E. Donolio #1	330°S 330°W NWc NE NW Sec. 13 1S 4E	2929'	5-5-64	D.F. 463'
Gulf Oil Corporation	H. E. Donolio #2	330°S 330°W NWc NE NW Sec. 23 1S 4E	3000'	4-30-64	D.F. 468'
Kirby Petroleum Co.	Donolio #1	330°S 330°E NWc SW NE Sec. 24 1S 4E	3888'	11-26-64	G.L. 512'

Burrell G. Minor.....	330° N 500° E SWc NW Sec. 30 1S 4E.....	2035'	2-13-64	G.L. 563'
Eber McEndree.....	330° N 350° E SWc NW Sec. 30 1S 4E.....	2920'	11-1-64	G.L. 536'
David E. Steinmann.....	400° N 330° E SWc NW Sec. 33 1S 4E.....	3044'	10-11-61	G.L. 500'
Rodney Mitchell.....	330° S 330° E NWc NW Sec. 22 2S 1E.....	2217'	9-1-64	G.L. 486'
Collins Brothers.....	330° N 330° W SWc NW Sec. 12 2S 3E.....	2901'	2-11-64	D.F. 569'
Jack Powers.....	330° S 330° W NWc NW Sec. 15 2S 3E.....	3341'	5-20-64	G.L. 521'
A. J. Slagter, Jr.....	330° S 330° E NWc NW Sec. 35 2S 4E.....	3075'	2-4-64	D.F. 507'
Tamarack Pet. Co., Inc.....	330° S 330° E NWc NW Sec. 35 2S 4E.....	3095'	2-3-64	D.F. 511'
Eber McEndree.....	330° S 330° E NWc NW Sec. 21 3S 3E.....	2920'	5-20-64	G.L. 429'
Edward J. Klookenkemper.....	330° S 330° E NWc NW Sec. 21 3S 3E.....	2850'	5-26-64	G.L. 449'
Edward J. Klookenkemper.....	330° S 330° E NWc NW Sec. 28 3S 3E.....	2856'	8-12-64	G.L. 449'
Elmer M. Novak.....	330° S 330° E NWc NW Sec. 3 3S 4E.....	3061'	4-2-64	D.F. 495'
Elmer M. Novak.....	330° S 330° E NWc NW Sec. 3 3S 4E.....	3021'	4-8-64	D.F. 476'
Elmer M. Novak.....	330° S 330° E NWc NW Sec. 3 3S 4E.....	3061'	4-1-64	D.F. 496'
Elmer M. Novak.....	310° N 310° E SWc NW Sec. 3 3S 4E.....	3031'	3-11-64	D.F. 493'
Elmer M. Novak.....	330° S 330° E NWc NW Sec. 4 3S 4E.....	2888'	3-17-64	D.F. 493'
Elmer M. Novak.....	330° S 330° E NWc NW Sec. 4 3S 4E.....	2910'	3-6-64	D.F. 505'
Elmer M. Novak.....	330° S 330° W NWc NW Sec. 9 3S 4E.....	3047'	3-24-64	D.F. 477'
William E. Lampley.....	330° S 330° W NWc NW Sec. 16 3S 4E.....	3199'	1-11-64	G.L. 474.6'
William H. Krohn.....	330° S 330° W NWc NW Sec. 18 4S 3E.....	2954'	4-19-64	G.L. 412'
JERSEY COUNTY				
Charles W. Kruse.....	330° N 330° E SWc NW NE Sec. 14 7N 10W.....	1425'	10-10-64	G.L. 634.9'
KANKAKEE COUNTY				
H. W. Moss.....	385° S 330° E NWc SE NW Sec. 2 31N 9E.....	565'	11-4-64	G.L. 578'
LAWRENCE COUNTY				
Charles E. Carr.....	330° N 2140° E SWc NW Sec. 7 2N 11W.....	1983'	6-6-64	G.L. 464.6'
Kelley Drilling & Oil Company.....	2260° N 1650° W NWc NW Sec. 8 2N 11W.....	1940'	2-13-64	G.L. 461'
Payne Brothers.....	330° N 330° W NWc NW Sec. 9 2N 11W.....	1371'	7-17-64	G.L. 408'
Payne Brothers.....	330° S 330° W NWc NW Sec. 16 2N 11W.....	1319'	12-7-64	G.L. 406'
Harold Brinkley.....	330° S 330° W NWc NW Sec. 19 2N 11W.....	1901'	4-29-64	G.L. 426'
Max Reese.....	330° S 330° W NWc NW Sec. 1 2N 12W.....	3007'	4-2-64	G.L. 482'
Holsapple & Bryson Oil Company.....	330° N 330° E SWc NW Sec. 2 2N 12W.....	2997'	9-10-64	G.L. 500'
Marathon Oil Company.....	1447° N 660° E SWc NW Sec. 2 2N 12W.....	1895'	1-9-64	G.L. 447'
Herman Brinkley.....	330° S 330° W NWc NW Sec. 3 2N 12W.....	1290'	9-6-64	G.L. 447'
John L. Hamilton.....	330° S 330° W NWc NW Sec. 3 2N 12W.....	1828'	8-4-64	G.L. 447'
Harold Brinkley.....	1650° N 990° E SWc NW Sec. 3 2N 12W.....	1369'	1-7-64	G.L. 455'
Harold Brinkley.....	330° S 330° E NWc NW Sec. 3 2N 12W.....	1371'	10-14-64	G.L. 440'
Kelley, Conrad & Kaye, Incorporated.....	330° S 330° E NWc NW Sec. 3 2N 12W.....	1361'	5-5-64	G.L. 440'
L. D. Sawyer.....	330° S 330° E NWc NW Sec. 4 2N 12W.....	2330'	3-12-64	G.L. 471'
Dale F. Brinkley.....	330° S 330° E NWc NW Sec. 7 2N 12W.....	1668'	1-13-64	G.L. 471'
Charles Carr.....	330° S 330° W NWc NW Sec. 11 2N 12W.....	1530'	8-3-64	G.L. 421'
Holsapple & Bryson Oil Company.....	500° S 150° E NWc NW Sec. 11 2N 12W.....	973'	1-15-64	G.L. 435'
Virgil Deckard.....	330° S 330° W NWc NW Sec. 12 2N 12W.....	286'	9-9-64	G.L. 435'
Virgil Deckard.....	330° N 330° E SWc NW Sec. 22 2N 12W.....	1368'	2-25-64	G.L. 431'
LAWRENCE COUNTY				
Charles E. Carr.....	330° N 2140° E SWc NW Sec. 7 2N 11W.....	1983'	6-6-64	G.L. 464.6'
Kelley Drilling & Oil Company.....	2260° N 1650° W NWc NW Sec. 8 2N 11W.....	1940'	2-13-64	G.L. 461'
Payne Brothers.....	330° N 330° W NWc NW Sec. 9 2N 11W.....	1371'	7-17-64	G.L. 408'
Payne Brothers.....	330° S 330° W NWc NW Sec. 16 2N 11W.....	1319'	12-7-64	G.L. 406'
Harold Brinkley.....	330° S 330° W NWc NW Sec. 19 2N 11W.....	1901'	4-29-64	G.L. 426'
Max Reese.....	330° S 330° W NWc NW Sec. 1 2N 12W.....	3007'	4-2-64	G.L. 482'
Holsapple & Bryson Oil Company.....	330° N 330° E SWc NW Sec. 2 2N 12W.....	2997'	9-10-64	G.L. 500'
Marathon Oil Company.....	1447° N 660° E SWc NW Sec. 2 2N 12W.....	1895'	1-9-64	G.L. 447'
Herman Brinkley.....	330° S 330° W NWc NW Sec. 3 2N 12W.....	1290'	9-6-64	G.L. 447'
John L. Hamilton.....	330° S 330° W NWc NW Sec. 3 2N 12W.....	1828'	8-4-64	G.L. 447'
Harold Brinkley.....	1650° N 990° E SWc NW Sec. 3 2N 12W.....	1369'	1-7-64	G.L. 455'
Harold Brinkley.....	330° S 330° E NWc NW Sec. 3 2N 12W.....	1371'	10-14-64	G.L. 440'
Kelley, Conrad & Kaye, Incorporated.....	330° S 330° E NWc NW Sec. 3 2N 12W.....	1361'	5-5-64	G.L. 440'
L. D. Sawyer.....	330° S 330° E NWc NW Sec. 4 2N 12W.....	2330'	3-12-64	G.L. 471'
Dale F. Brinkley.....	330° S 330° E NWc NW Sec. 7 2N 12W.....	1668'	1-13-64	G.L. 471'
Charles Carr.....	330° S 330° W NWc NW Sec. 11 2N 12W.....	1530'	8-3-64	G.L. 421'
Holsapple & Bryson Oil Company.....	500° S 150° E NWc NW Sec. 11 2N 12W.....	973'	1-15-64	G.L. 435'
Virgil Deckard.....	330° S 330° W NWc NW Sec. 12 2N 12W.....	286'	9-9-64	G.L. 435'
Virgil Deckard.....	330° N 330° E SWc NW Sec. 22 2N 12W.....	1368'	2-25-64	G.L. 431'

WELLS PLUGGED IN 1964—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
LAWRENCE COUNTY—Continued					
J. P. Gaines	Moore #1	330' N 330° E SWc SE Sec. 8 2N 13W	893'	4-30-64	G.L. 493'
Cox & Wilson	H. Corrie #1	598' S 722° W NEc SE NE Sec. 21 2N 13W	2940'	7-11-64	G.L. 481'
C & P Pet. Company	H. Corrie #1	598' S 711° W NEc SE NE Sec. 21 2N 13W	2758'	11-7-64	G.L. 481'
Don H. Baldwin, Inc.	Charles Fornoff Etal #1	330' S 330° W NEc NW SE Sec. 27 2N 13W	2721'	8-4-64	G.L. 510.3'
E. L. Whitmer	F. B. Gosnell #1	330' S 330° W NEc SW SE Sec. 15 3N 11W	1883'	9-18-64	G.L. 414'
Leonard Strong	Akin #1	538' N 650° E SWc SE Sec. 19 3N 11W	1843'	10-28-64	D.F. 471'
Leonard Strong	Sandlin #2	974' S 330° W NEc SW Sec. 19 3N 11W	1893'	3-19-64	G.L. 478'
Leonard Strong	Sandlin #3	974' S 990° W NEc SW Sec. 19 3N 11W	1915'	3-21-64	G.L. 490'
Leonard Strong	Sandlin #5	330' S 759° E NWc SW Sec. 19 3N 11W	1850'	3-26-64	G.L. 491'
Leonard Strong	Sandlin #11	2110' N 1650° W SEC Sec. 19 3N 11W	1800'	3-28-64	G.L. 473'
E. L. Whitmer	Sandlin #12	1668' N 1665° W SEC Sec. 19 3N 11W	1632'	3-16-64	G.L. 472'
E. J. Burns #1	E. J. Burns #1	330' N 330° E SWc SE Sec. 28 3N 11W	1944'	12-10-64	G.L. 408.4'
Davis Lambert	Opal V. Kimbrel #1	330' S 1893° E NWc of loc. #2 Sec. 28 3N 11W	1915'	10-17-64	G.L. 432'
Noble L. Hall	Rush H. Tredway #1-A	330' N 205° E SWc NE NE Sec. 32 3N 11W	1872'	4-17-64	G.L. 408'
Bradley Pro. Corp.	Stoltz #1	220' S 330° E NWc NE NW Sec. 4 3N 12W	1400'	8-11-64	G.L. 457'
Marathon Oil Company	W. E. Robins A/C #15	725' N 630° W SEC SE Sec. 5 3N 12W	990'	6-23-64	
Marathon Oil Company	W. E. Robins A/C #1	640' N 200° E SWc SE Sec. 5 3N 12W	964'	1-22-64	
Marathon Oil Company	W. E. Robins A/C #2	1090' N 185° E SWc SE Sec. 5 3N 12W	964'	1-8-64	
Marathon Oil Company	W. E. Robins A/C #3	160' N 190° E SWc NW SE Sec. 5 3N 12W	970'	5-6-64	
Marathon Oil Company	W. E. Robins A/C #4	570' N 195° E SWc NW SE Sec. 5 3N 12W	974'	1-16-64	
Marathon Oil Company	W. E. Robins A/C #6	720' N 750° E SWc SE Sec. 5 3N 12W	963'	1-27-64	
Marathon Oil Company	W. E. Robins A/C #10	750' N 140° E SWc SE Sec. 5 3N 12W	967'	2-4-64	
Marathon Oil Company	W. E. Robins A/C #13	220' S 190° W NEc SE Sec. 5 3N 12W	989'	5-12-64	
Marathon Oil Company	Wm. E. Robins A/C #19	250' S 240° W NEc NW SE Sec. 5 3N 12W	942'	2-10-64	
Marathon Oil Company	Wm. E. Robins A/C #20	600' N 450° E SWc NE SE Sec. 5 3N 12W	964'	6-26-64	
Marathon Oil Company	W. E. Robins A/C #23	110' N 560° E SWc NE SE Sec. 5 3N 12W	973'	2-13-64	
Marathon Oil Company	W. E. Robins A/C #43	1570' S 1170° E NWc SE Sec. 5 2N 12W	948'	1-30-64	G.L. 498'
Marathon Oil Company	S. Boes #25	175' S 390° E NWc SE Sec. 5 3N 12W	1455'	5-21-64	
Marathon Oil Company	P. B. Finley #6	170' S 730° E SWc SE Sec. 8 3N 12W	919'	10-13-64	
Marathon Oil Company	P. B. Finley #10	250' S 250° E SWc SE Sec. 5 3N 12W	936'	9-25-64	
Marathon Oil Company	P. B. Finley #13	850' N 230° E SWc SW SE Sec. 5 3N 12W	944'	9-10-64	
Marathon Oil Company	Lee Gillette A/C #23	770' N 230° E SWc SW NE Sec. 15 3N 12W	1798'	10-26-64	
Marathon Oil Company	Walter Gillespie #5	260' N 260° W SEc NE NE Sec. 16 3N 12W	1399'	8-2-64	
Marathon Oil Company	Lizzie Lewis #6	500' N 200° E SWc NW NW Sec. 16 3N 12W	1340'	9-15-64	G.L. 461'
Marathon Oil Company	Lizzie Lewis #13	110' N 300° E SWc NW NW Sec. 16 3N 12W	1371'	5-15-64	G.L. 470'
Marathon Oil Company	John Dwyer #5	950' N 650° W SEC NW Sec. 17 3N 12W	1297'	8-18-64	
Marathon Oil Company	John Dwyer #11	750' S 200° E SWc SE NW Sec. 17 3N 12W	1305'	9-12-64	
Marathon Oil Company	W. H. Rogers #3	615' S 640° W NEc NE SW Sec. 17 3N 12W	1312'	9-14-64	
Marathon Oil Company	W. H. Rogers #5	300' N 200° W SEC NE SW Sec. 17 3N 12W	1307'	8-25-64	
Marathon Oil Company	W. H. Rogers #18	300' N 200° W SEC NE SW Sec. 17 3N 12W	2007'	9-4-64	G.L. 492'
Marathon Oil Company	Thorn Heirs #14	670' N 250° W SEC NE Sec. 17 3N 12W	1316'	6-9-64	
Marathon Oil Company	Thorn Heirs #15	630' N 630° E SWc SW NE Sec. 17 3N 12W	1265'	7-6-64	

Marathon Oil Company	Thorn Heirs #10	960°N 190°E SWc NE Sec. 17 3N 12W	1286'	7-14-64
Marathon Oil Company	Thorn Heirs #19	120°S 700°E NWc NE Sec. 17 3N 12W	1289'	7-22-64
Marathon Oil Company	Thorn Heirs #24	190°S 200°W NEc NW Sec. 17 3N 12W	1304'	7-29-64
Marathon Oil Company	Margie R. Bell A/C 3 #4	250°N 200°W SEc NE Sec. 18 3N 12W	422'	5-20-64
Marathon Oil Company	R. Gould #19	290°S 240°W SEc NW Sec. 23 3N 12W	1816'	11-6-64
Marathon Oil Company	A. Vandermark #22	600°S 600°E NWc NW Sec. 25 3N 12W	1854'	8-18-64
Marathon Oil Company	A. Vandermark #23	190°N 500°W SEc SW Sec. 25 3N 12W	1847'	8-30-64
Wayne Smith Corp.	G. Leighty #7	1100°S 350°E NWc SE Sec. 25 3N 12W	1860'	8-6-64
W. C. McBride Corp.	Gillespie #18	200°N 200°E NWc SE Sec. 26 3N 12W	1770'	3-3-64
Marathon Oil Company	Hinkle #10	250°S 260°W SWc NW Sec. 26 3N 12W	1785'	10-22-64
Marathon Oil Company	E. Leighty A/C 1 #35	630°S 260°E NWc NE Sec. 26 3N 12W	1550'	11-23-64
Marathon Oil Company	E. Leighty A/C 1 #64	660°S 1280°E NWc SW Sec. 26 3N 12W	1855'	10-15-64
Marathon Oil Company	G. L. Ryan A/C 2 #9	660°N 660°E NWc SE Sec. 26 3N 12W	1620'	11-3-64
Marathon Oil Company	G. L. Ryan A/C 2 #12	1090°S 1310°E NWc NW Sec. 26 3N 12W	1770'	12-24-64
Marathon Oil Company	G. L. Ryan A/C 3 #12	300°S 1000°E NWc NE Sec. 26 3N 12W	1833'	12-9-64
Marathon Oil Company	Laura Gillespie #7	180°S 260°W NEc SE Sec. 26 3N 12W	1834'	7-20-64
Marathon Oil Company	Wm. Seed A/C 2 #4	250°N 250°W SEc NE Sec. 27 3N 12W	1848'	7-30-64
Michael E. Murphy	F. B. Dennis #1	110°S 150°W NEc SE Sec. 27 3N 12W	1815'	10-1-64
Marathon Oil Company	S. J. Gee A/C 1 #11	330°S 330°W SEc SW Sec. 34 3N 12W	1369'	9-18-64
Marathon Oil Company	S. J. Gee A/C 1 #19	170°N 1270°E SWc NE Sec. 34 3N 12W	1897'	1-3-64
Marathon Oil Company	L. A. Vandermark #7	1070°N 360°W SEc NE Sec. 34 3N 12W	1030'	1-28-64
Marathon Oil Company	A. L. Gould #14	650°S 200°W NEc NE Sec. 34 3N 12W	1721'	7-7-64
Marathon Oil Company	H. H. Gould #19	280°S 315°E NWc SE Sec. 35 3N 12W	1026'	3-2-64
Marathon Oil Company	L. J. Jenner A/C 1 #7	230°S 230°W NEc SE Sec. 35 3N 12W	1788'	2-12-64
Marathon Oil Company	L. K. Leighty A/C 1 #10	250°S 300°E NWc NW Sec. 35 3N 12W	1700'	5-1-64
Marathon Oil Company	L. K. Leighty A/C 1 #19	660°N 1310°E SWc SE Sec. 35 3N 12W	1005'	12-22-64
Marathon Oil Company	L. K. Leighty A/C 1 #42	630°S 210°W NEc SW Sec. 35 3N 12W	1638'	12-8-64
Marathon Oil Company	L. K. Leighty A/C 1 #49	340°S 320°W NEc NW Sec. 35 3N 12W	1653'	6-29-64
Marathon Oil Company	L. K. Leighty A/C 1 #51	210°N 300°E SWc NE Sec. 35 3N 12W	1573'	11-16-64
Marathon Oil Company	L. K. Leighty A/C 1 #52	200°S 815°W NEc NE Sec. 35 3N 12W	980'	1-22-64
Marathon Oil Company	J. J. Gould A/C 1 #13	265°S 310°E NWc NE Sec. 35 3N 12W	1665'	1-16-64
Marathon Oil Company	W. B. Gray #1	240°N 330°E SWc NW Sec. 35 3N 12W	1835'	9-3-64
Charles E. Carr	Sumner & Griggs Comm. #2	330°S 340°E NWc NW Sec. 35 3N 12W	1692'	9-3-64
Taproot Pet., Inc.	Fiscus #1	630°N 670°E SWc NW Sec. 35 3N 12W	1772'	3-2-64
Taproot Pet., Inc.	C. Pinkstaff #1	600°S 330°W NEc NW Sec. 35 3N 12W	1755'	3-19-64
Michael Clark	Birch Community #1	330°S 330°W NEc NW Sec. 13 3N 13W	2097'	7-3-64
Taproot Pet., Inc.	Bennet-Etial Community #1	330°N 330°E NWc NE Sec. 17 3N 13W	2121'	3-24-64
Taproot Pet., Inc.	Read Community #1	960°N 280°W SEc NW Sec. 20 3N 13W	2710'	6-2-64
Charles E. Isler, Jr.	Royal Farms #1	330°S 330°E NWc SW Sec. 21 3N 13W	2712'	11-12-64
Robert E. Foss Drilling Company	Roy Weirich #1	330°S 330°E NWc NW Sec. 21 3N 13W	2758'	6-23-64
Marathon Oil Company	R. Jacobs #1	330°N 330°W SEc NW Sec. 36 3N 13W	2650'	12-7-64
Marathon Oil Company	S. E. Hazel A/C 1 #18	330°S 330°E NWc NE Sec. 33 4N 12W	2104'	2-18-64
Marathon Oil Company	John H. Hankins #1	660°N 960°W SEc NE Sec. 19 4N 12W	1402'	2-28-64
R. C. Dayoust Co.	John Hankins #3	330°S 330°E NWc SW Sec. 28 4N 12W	1773'	7-14-64
Marathon Oil Company	W. R. Crackle A/C 1 #18	330°N 330°E SWc NW Sec. 28 4N 12W	1127'	4-4-64
		175°S 210°W NEc NW Sec. 29 4N 12W	1794'	1-8-64
			1768'	1-10-64
			935'	6-10-64

WELLS PLUGGED IN 1964—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
LAWRENCE COUNTY—Concluded					
Marathon Oil Company	W. R. Crackle A/C 1 #19	150° S 230° W NEc NW NW Sec. 29 4N 12W	1392'	6-5-64	
Marathon Oil Company	J. B. Lewis #8	190° S 1100° E NWc SW Sec. 29 4N 12W	1000'	4-3-64	
Marathon Oil Company	J. B. Lewis #27	630° S 1340° E NWc SW Sec. 29 4N 12W	1000'	4-3-64	
Marathon Oil Company	J. B. Lewis #55	215° S 880° E NWc SW Sec. 29 4N 12W	1510'	3-31-64	
Marathon Oil Company	Oliver Baltzell #7	180° S 180° E SWc NE Sec. 30 4N 12W	1595'	4-28-64	
Marathon Oil Company	W. R. Crackle A/C 1 #14	135° N 200° E SWc NE Sec. 30 4N 12W	1002'	4-17-64	
Marathon Oil Company	W. R. Crackle A/C 1 #16	130° N 450° E SWc NE Sec. 30 4N 12W	1004'	4-14-64	
Marathon Oil Company	R. L. Fitch #4	175° S 275° W NEc SE Sec. 30 4N 12W	996'	6-16-64	
Marathon Oil Company	R. L. Fitch #6	572° S 170° W NEc SE Sec. 30 4N 12W	995'	5-1-64	
Marathon Oil Company	C. Willey #1	60° S 230° W NEc SW Sec. 30 4N 12W	977'	3-6-64	
Marathon Oil Company	Chester Willey #3	25° S 150° E NWc SW Sec. 30 4N 12W	1037'	2-28-64	
Marathon Oil Company	Harley R. Neal #2	240° S 150° E NWc SW Sec. 30 4N 12W	1038'	2-21-64	
Payne Brothers	Harley R. Neal #2	330° N 330° E SWc SE Sec. 35 4N 13W	1548'	10-12-64	
Payne Brothers	Ridgely Fetal #1	990° N 330° E SWc SE Sec. 35 4N 13W	1548'	12-16-64	
Payne Brothers	Charles Stout #1	330° S 330° W NEc SW Sec. 35 4N 13W	1415'	4-18-64	
Bradley Pro. Corp.	Droll #19	315° S 1350° W NEc NW Sec. 1 4N 13W	1391'	7-7-64	
Bradley Pro. Corp.	Droll #23	330° S 1460° W NEc NW Sec. 1 4N 13W	1395'	5-28-64	
Bradley Producing Corporation	Frederick #1	330° N 330° E SWc NE Sec. 1 4N 13W	1520'	4-13-64	
Bradley Pro. Corp.	Piper #21	270° N 300° E SWc SE Sec. 1 4N 13W	1364'	4-27-64	
Bradley Pro. Corp.	C. Horn #7	230° S 500° E SWc SE Sec. 1 4N 13W	1509'	11-25-64	
Marathon Oil Company	C. Horn #10	270° N 300° E SWc SE Sec. 1 4N 13W	1509'	11-23-64	
Marathon Oil Company	C. Horn #14	2490° N 240° E SWc Sec. 12 4N 13W	1534'	11-22-64	
Consolidated Oil & Gas, Incorporated	Martin Martin #O-1	330° S 330° E NWc SW Sec. 13 4N 13W	1695'	6-12-64	
Consolidated Oil & Gas, Incorporated	M. Martin #O-2	330° S 330° W SEc NW SW Sec. 13 4N 13W	1775'	6-15-64	
Consolidated Oil & Gas, Incorporated	M. Martin #O-4	330° S 330° W SEc NW SW Sec. 13 4N 13W	1695'	6-17-64	
Marathon Oil Company	Perry King A/C 1 & 2 #51	810° N 900° W SEc SE Sec. 24 4N 13W	1543'	1-2-64	
Tidewater Oil Company	John Wampler #2	650° S 200° E SWc NE NE NW Sec. 28 5N 11W	959'	5-29-64	
G. C. Parker	Jacobs #1	330° N 330° E SWc NW NE Sec. 31 5N 12W	1848'	10-23-64	
T. W. George	W. E. Updike #1	660° N 660° W SEc SW Sec. 25 5N 13W	1038'	7-20-64	
Lloyd Arnett, Albert Arnett & Vernon Patton	O. L. Updike #1-11	330° S 330° E NWc SE SE Sec. 35 5N 13W	1615'	3-31-64	
T. W. George	S. S. Updike #C' #1	330° N 360° E SWc SW NE NW Sec. 36 5N 13W	1626'	7-15-64	
LIVINGSTON COUNTY					
H. F. Robison	Walt Metz #1	330° S 330° W NEc SE Sec. 28 27N 7E	1048'	1-19-64	
LOGAN COUNTY					
John E. Carlson	Stockbarger & Saflee #1	330° S 330° W NEc SW NE Sec. 30 19N 1W	1700'	11-30-64	

WELLS PLUGGED IN 1964—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
MACON COUNTY—Concluded					
Atkins & Hale	Casey #1	330° N 330° W SEc NW SE Sec. 24 17N 2E	2185'	9- 8-64	G.L. 679'
Atkins & Hale	Casey #2	330° N 330° E SWc SE Sec. 24 17N 2E	2175'	10-12-64	G.L. 662'
Atkins & Hale	Stroh Comm. #1	330° N 660° E SWc NE Sec. 24 17N 2E	2220'	3-22-64	G.L. 683, 2'
Exploration & Dev., Inc.	Nonnenan #1	330° N 330° W SEc SW SE Sec. 32 17N 2E	2041'	9-29-64	G.L. 629, 5'
Vernon D. Jarvis	Rowe #1	330° N 330° W SEc Sec. 15 17N 3E	2291'	8-25-64	G.L. 685, 9'
Kenneth C. Bell	W. H. Daily #1	330° S 330° E NWc NE NW Sec. 22 17N 1W	1813'	2-13-64	G.L. 600'
MACON COUNTY					
Ira Smith	Beatrice Meyers #1	430° S 330° E NWc NE Sec. 13 9N 7W	549'	9-10-64	G.L. 621'
S. E. Mercer	Metzler #1	330° N 330° E SWc NE Sec. 20 10N 7W	509'	8-12-64	G.L. 627'
James D. Jordan	Humphrey #1	330° S 330° E NWc NE SW Sec. 15 12N 7W	1500'	9-18-64	G.L. 661'
MADISON COUNTY					
James T. Wilson	Bellm #1	330° S 330° W NEc SE Sec. 8 3N 5W	2750'	7-24-64	G.L. 527, 60'
Sunray DX Oil Company	John Sigel #1	330° N 330° W SEc NW SE Sec. 34 3N 7W	2995'	12-14-64	G.L. 468, 8'
Arnold Wilson	Clare Tule #1	330° N 660° E SWc NW SE Sec. 13 4N 5W	2945'	4-17-64	G.L. 524, 30'
Shure Oil Corporation	Winet Community #1	330° S 330° E NWc NE NW Sec. 21 1N 5W	2730'	12-17-64	G.L. 509, 40'
Carl Wilson	George Yarn #1	330° S 330° E NWc NE NW Sec. 14 4N 6W	1951'	2-22-64	G.L. 509'
M. Mazzarino	Pratt #1	330° S 330° E NWc Sec. 20 4N 6W	2465'	1-21-64	G.L. 501'
T. R. Kerwin	West Lake Quarry Co. #1	330° N 330° W SEc NW SE Sec. 9 4N 9W	1599'	7-21-64	G.L. 431'
John T. Mitchell	Arlo Landolt #1	405° S 330° E NWc NE NE Sec. 25 5N 5W	657'	4- 9-64	G.L. 538'
Herbert R. Weder	Arlo Landolt #2	330° S 330° E NWc NE NE Sec. 25 5N 5W	656'	4-14-64	G.L. 527'
M. Mazzarino	Rinkel #1	330° S 330° W NEc SE NE Sec. 23 5N 6W	1866'	9-17-64	G.L. 531'
Homer Luttrell, Trustee	George Buehler #1	330° N 990° W SEc NE NW Sec. 34 5N 6W	1865'	6-24-64	G.L. 538'
Carline Wilson	Otto Hunecke #1	330° S 330° W NEc NW SE Sec. 26 5N 7W	1721'	4-29-64	G.L. 532'
S. B. Schenk	Marie Bononi #1	330° S 330° W NEc NW SE Sec. 7 6N 6W	595'	6-29-64	G.L. 602, 55'
S. B. Schenk	Hoopengartner #1	330° S 150° W NEc NE NE Sec. 33 6N 6W	590'	5-13-64	G.L. 561, 4'
S. B. Schenk	Hoopengartner #2	330° S 330° W NEc NW SW Sec. 34 6N 6W	571'	9-16-64	-----
S. B. Schenk	Hoopengartner #3	10° S 330° E NWc NW SW Sec. 34 6N 6W	571'	9- 8-64	-----
S. B. Schenk	Hoopengartner #4	330° S 330° E NWc SE NW SW Sec. 34 6N 6W	565'	8-11-64	G.L. 563, 20'
Carl Wilson	Eva M. Bird #1	330° S 330° W NEc Sec. 12 6N 7W	2312'	10-23-64	G.L. 594'
Erich P. Weber	Krukeberg #1	114° N 108° W SEc NE Sec. 20 6N 7W	1779'	9-25-64	-----
Erich P. Weber	Meyer #3	533° N 265° W SEc SW NE Sec. 20 6N 7W	1779'	9-30-64	G.L. 529'
Charles W. Kruse	Springman #1	330° N 330° E SWc NW Sec. 13 6N 10W	1687'	1- 2-64	G.L. 622, 5'
MARION COUNTY					
E. M. Self	Trout Community #1	350° S 330° E NWc SE SW Sec. 3 1N 1E	1669'	10-19-64	G.L. 515'
John Blair	Kuester #1	330° N 990° E SWc Sec. 5 1N 1E	938'	10-30-64	G.L. 476'

E. E. Flippin.	A. J. Kuester #1.	330°N 330°W SDE SW Sec. 5 1N 1E.	5-20-64	G.L. 492'
E. E. Flippin.	C. J. Fairchild #1.	330°N 330°E NWc Sec. 8 1N 1E.	7-22-64	G.L. 474'
W. M. Self.	McKinney Unit #9.	330°N 330°W NEc NE NEc 5 1N 1E.	1887	G.L. 477'
Illinois case Operating Inc.	McKinney Community #1.	330°N 330°W NEc NE NEc 29 1N 1E.	1863	G.L. 518.5'
Illinois case Operating Inc.	Roy Davis #2.	330°N 330°W SDE SW NEc 21 1N 2E.	1916	G.L. 561'
Illinois case Operating Inc.	Roy Newman #1.	330°N 330°W SDE SW NEc 21 1N 2E.	2146	G.L. 519'
Illinois case Operating Inc.	W. H. Winkler #1.	330°N 330°W SDE SW NEc 21 1N 2E.	2146	G.L. 519'
National Associated Petroleum Company	Hoffman-McBride-Moser Comm. #1.	330°N 330°W SDE SW NEc 21 1N 2E.	2400'	G.L. 381'
Bradley Producing Co.	Stein #7.	10°S 60°W NEc NE NEc 5 2N 1E.	1550'	G.L. 520'
C. T. Hunt.	Pochura Community #1.	330°N 330°W SDE SW NEc 29 1N 1E.	7785'	G.L. 497'
Texasco Inc.	W. O. Chitwood, Tract 23 Well #54.	315°N 330°E NWc SW NW Sec. 22 2N 2E.	2110'	D.F. 505'
Haynes & Thomas	N. L. Lee "B", Tr. 82-1	315°N 75°E SWc SW NW Sec. 22 2N 2E.	1763'	G.L. 480'
Haynes & Thomas	N. L. Lee "B", Tr. 82-2	315°N 94°E SWc SW NW Sec. 28 2N 2E.	1763'	G.L. 480'
Haynes & Thomas	N. L. Lee "B", Tract 82-3	334°N 94°E NWc NE SW Sec. 28 2N 2E.	2050'	G.L. 512'
Haynes & Thomas	N. L. Lee "B", Tract 82-4	160°S 555°W NEc SW NW Sec. 28 2N 2E.	1451'	G.L. 511'
Texasco Inc.	N. L. Lee "B", Tr. 82-5	563°N 94°E SWc SE SW NW Sec. 28 2N 2E.	2040'	G.L. 481'
Joe A. Dull.	Blankenship #1.	660°N 330°W SDE NW SE Sec. 13 2N 3E.	2745'	G.L. 544'
Ramsey-Merging	Gene Stormont #1.	330°N 330°W SDE NW SE Sec. 13 2N 3E.	3125'	G.L. 544'
William J. Pfeiffer	Briscoe #1.	330°N 330°E SWc NW SW Sec. 10 3N 1E.	1557'	G.L. 515'
Joe Simpkins.	A. Ververs #7.	1007°S 330°W NEc NW Sec. 8 3N 4E.	1436'	G.L. 466'
Clarence Sherman.	Gordon Kemp #1.	330°S 330°W SDE NE NEc NW Sec. 30 3N 1E.	1949'	G.L. 512'
T. M. Conrey.	Greenwood #1.	330°N 330°W SDE NW SW Sec. 9 3N 4E.	1587'	G.L. 553'
Willard McKinney.	See—McKinney Unit #1.	330°N 330°W SDE NW SW Sec. 9 3N 4E.	2530'	G.L. 553'
Willard McKinney.	McKinney #1.	330°S 450°W NEc SW Sec. 9 3N 4E.	2480'	G.L. 554'
Billie A. Vogel.	Coe-Heenan Etal #1.	330°S 450°W NEc SW Sec. 9 3N 4E.	2500'	G.L. 547'
T. M. Prueett.	Stephens #1.	330°N 330°W SDE SW NW Sec. 35 3N 4E.	2595'	G.L. 550'
J. U. Dodge.	Dale Arnold #1.	330°N 330°W SDE NW Sec. 3 4N 2E.	2745'	G.L. 468'
Don Durr.	Garrett #1.	330°S 330°E NWc SW SE Sec. 3 4N 2E.	2020'	G.L. 559'
Taproot Petroleum, Inc.	Brasel Unit #1.	330°S 330°E NWc SE Sec. 10 4N 3E.	2020'	G.L. 560'
Willard McKinney.	Hohlt #1.	330°S 330°W NEc SW NW Sec. 16 4N 4E.	2253'	G.L. 566'
			2400'	G.L. 585'
MASON COUNTY				
Paul Fenstermaker.	Bradley #1.	589°S 515°E NWc SW NW Sec. 14 19N 9W.	780'	G.L. 459'
MONROE COUNTY				
Jelko Drilling Co., Inc.	Aubuchon #1.	330°S 330°E NWc NE SW Sec. 1 4S 9W.	2005'	G.L. 518.8'
MONTGOMERY COUNTY				
Charles T. Evans.	Greenwood #1.	330°S 330°E NWc SW NW Sec. 17 7N 2W.	2437'	G.L. 629'
Rosamond & Varner.	B. T. Foynter #1.	330°N 330°E NWc SE NW Sec. 12 3N 4W.	911'	G.L. 615.7'
Carl Wilson.	Glenn Heirs #1.	330°N 330°E NWc SE NW Sec. 12 3N 4W.	930'	G.L. 615.75'
Carl Wilson.	Glenn Heirs #2.	330°N 330°E NWc SE NW Sec. 12 3N 4W.	930'	G.L. 615.75'
W. G. Stribling.	Jones #1.	40°S 330°E NWc SE NW Sec. 8 9N 4W.	573'	G.L. 681.6'
Franks Petroleum Exploration.	Bradley #1.	330°S 330°W NEc SE NW Sec. 31 11N 5W.	557'	G.L. 623'
Charles M. Hoppin.	Rosella C. Milhon #1.	330°N 330°E SWc NE Sec. 8 12N 4W.	2336'	G.L. 623'

WELLS PLUGGED IN 1944—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
MORGAN COUNTY					
Montgomery Oil Company	Wood Est. #1	990' N 330' W Sec 26 15N 10W	1377'	1-16-64	G.L. 609.82'
Harold Kattwitz & Tom Holden	Williamson #1	330' N 491' E SWc SE NW Sec. 21 16N 8W	328'	7-22-64	G.L. 641.25'
MOUTRIE COUNTY					
Harold C. Sanders	Harrison #1	990' S 400' E NWc SE Sec. 22 15N 5E	6522'	6- 1-64	G.L. 481'
Robert J. Mitchell	Alvin S. Beachy #1	330' S 330' E NWc NE Sec. 13 15N 6E	2830'	4- 3-64	G.L. 662'
PERRY COUNTY					
Charles P. Wood	Sylvester Kuberski #1	330' N 330' E SWc NW NW Sec. 5 4S 1W	1339'	12-29-64	G.L. 511'
Clarence Sherman	Mike Suchomski #1	330' N 330' E SWc SE Sec. 5 4S 2W	1397'	9-13-64	G.L. 430'
N. A. Baldrige	Brocale-Glenn Community #1	180' S 200' W NEc SE NE Sec. 32 4S 1W	1178'	10-24-64	G.L. 494'
Y. E. Hildreth	Fred Bathon #1	362' S 635' W NEc NW Sec. 15 4S 5W	1300'	1-18-64	G.L. 481'
James H. Donnewald	Bowe Etal #1	330' S 330' W NEc NW NE Sec. 18 5S 1W	1290'	11-28-64	G.L. 466'
N. A. Baldrige	Corden #1	330' S 330' E NWc NE Sec. 18 5S 1W	1380'	8-16-64	G.L. 466'
W. T. Frederking	Knope #1	330' S 330' E NWc SW Sec. 33 6S 4W	1401'	8-11-64	G.L. 500'
PIATT COUNTY					
Stewart Oil Company	Loren Clemons #1	330' N 330' E SWc NW NW Sec. 8 19N 5E	1295'	6- 6-64	G.L. 705'
Garland & Hoovier	Huisinga #1	330' S 330' W NEc SE SW Sec. 8 19N 5E	1326'	12-21-64	G.L. 690'
Garland & Hoovier	G. McBride #2	330' S 330' W NEc SE NW NW Sec. 8 19N 5E	1260'	12-14-64	G.L. 702'
Garland & Hoovier	Trenchard #1	330' S 330' E NWc SE Sec. 8 19N 5E	1320'	11-17-64	G.L. 697'
Garland & Hoovier	Borton #1	330' S 330' W NEc NW SE Sec. 17 19N 5E	1335'	11-25-64	G.L. 682'
PIKE COUNTY					
Elder Reninga	O. G. Smith #1	330' S 330' W NEc SW SW Sec. 25 6S 5W	565'	8-17-64	G.L. 564'
POPE COUNTY					
Paul Harris	Horace Belt #1	330' N 330' E SWc SE SE Sec. 9 12S 7E	800'	10-28-64	G.L. 346.9'
Isaac Tharp	Millard Woodruffe #1	600' N 330' E SWc Sec. 3 16S 7E	320'		
PULASKI COUNTY					
Earl W. Lingle	Earl N. Etherton #1	330' S 330' E NWc NE Sec. 4 14S 1W	900'	1- 3-64	

RANDOLPH COUNTY

Ego Oil Company, Inc.	Anna M. Berniger Etal #1	330°S 330°W NEc SE SE Sec. 3 4S 5W.	2347'	8-20-64	G.L. 559'
St. Clair Exploration, Inc.	Benson Etal #1	330°N 385°W SEc SW Sec. 29 6S 5W.	1075'	8-16-64	G.L. 480'
James Ledbetter	Ralph Ledbetter #1	330°N 330°W SEc NW SW Sec. 25 8S 7W.	926'	8-12-64	G.L. 210'
Wittenbrink, Ledbetter, Paulter.	Bollinger #1	330°N 330°W SEc NE SE Sec. 10 6S 7W.	860'	8-17-64	G.L. 544'
Leo Gretzmaier	Lindenberg #1	1132.6°S 1550°E NWc Sec. 18 7S 5W.	1110'	4-27-64	G.L. 417'

RICHLAND COUNTY

The Pure Oil Company.	J. C. Howard #1	330°S 330°E NWc SW Sec. 13 2N 9E.	3243'
The Pure Oil Company.	J. C. Howard #2	330°N 330°E SWc NE NW Sec. 13 2N 9E.	3175'
The Pure Oil Company.	J. C. Howard #3	330°N 730°E SWc NE Sec. 13 2N 9E.	3182'
The Pure Oil Company.	J. C. Howard #4	330°S 330°W SWc NE Sec. 13 2N 9E.	3177'
The Pure Oil Company.	J. C. Howard #5	330°S 330°E SWc NW NE Sec. 13 2N 9E.	3158'
The Pure Oil Company.	J. C. Howard #6	330°S 330°W NEc SW Sec. 13 2N 9E.	3188'
The Pure Oil Company.	J. C. Howard #7	330°S 330°W NEc SE NW Sec. 13 2N 9E.	3195'
The Pure Oil Company.	J. C. Howard #8	330°S 990°W SEc SE NW Sec. 7 2N 10E.	3152'
Ashland Oil & Ref. Co.	Albert B. Edle Etal #1	330°S 330°W NEc SE NW Sec. 7 2N 10E.	3148'
Ashland Oil & Ref. Co.	Carrie Rotramel #1	330°S 330°E SWc NE NW Sec. 7 2N 10E.	3151'
The Pure Oil Company.	J. H. Mullinax "A", #2	330°N 330°E SWc SE NW Sec. 7 2N 10E.	3145'
C. E. Brehm	Bowen #1	330°S 330°E NWc SW Sec. 7 2N 10E.	3148'
John M. Zanetis	Bowen-Galloway Comm. #2	330°N 330°E NWc SW NW Sec. 18 2N 10E.	3131'
John B. Murvin	Powell Consolidated #1	330°S 330°E SWc NW NW Sec. 18 2N 10E.	3155'
Continental Oil Company	Stover-Brown #1	330°S 660°W SEc Sec. 26 2N 10E.	3264'
Marathon Oil Company	Ahlfield #1	330°S 660°E NWc SE NW Sec. 29 2N 10E.	3382'
Marathon Oil Company	C. O. Clodfelter #1	330°S 660°E NWc SE NW Sec. 30 2N 10E.	3300'
Marathon Oil Company	C. O. Clodfelter #2	330°S 330°W NEc NW Sec. 21 2N 14W.	3100'
Marathon Oil Company	C. O. Clodfelter #3	333°S 665°E NWc SW Sec. 29 2N 14W.	3130'
Marathon Oil Company	C. O. Clodfelter #4	333°S 665°E NWc SW Sec. 29 2N 14W.	3146'
Marathon Oil Company.	Howard Koertge #3	330°N 660°E NWc NW SW Sec. 29 2N 14W.	3132'
Continental Oil Company	Boewe #2	335°S 665°E SWc NW Sec. 29 2N 14W.	3131'
Continental Oil Company	Herman Boewe #1.	330°N 990°W SEc SE NW Sec. 30 2N 14W.	3229'
Continental Oil Company	Howard Koertge #2	330°S 330°W NEc SE NW Sec. 30 2N 14W.	3246'
Earle B. Reynolds	Moore #2	330°N 330°W NEc SE NW Sec. 30 2N 14W.	2985'
Earle B. Reynolds	Moore-Long Comm. #2	330°N 330°W NEc NE NW Sec. 23 3N 8E.	3021'
The Pure Oil Company.	Anna M. Snyder #6	330°S 330°E SWc NE NW Sec. 3 3N 9E.	2553'
The Pure Oil Company.	Emma Walters #1	330°N 330°E SWc SE NW Sec. 5 3N 9E.	2977'
The Pure Oil Company.	Emma Walters #2	330°N 330°E SWc SE NW Sec. 5 3N 9E.	2977'
The Pure Oil Company.	Emma Walters #3	330°N 330°E SWc SE NW Sec. 5 3N 9E.	2977'
The Pure Oil Company.	R. M. Rusk "A", #2	330°N 330°E SWc SE NW Sec. 5 3N 9E.	2977'
Arthur Mulhbach & A. J. May	Ralph Sager #2	330°N 330°E SWc SE NW Sec. 5 3N 9E.	2977'
Robinson Production, Inc.	Dewey Totten #1	330°N 330°E SWc SE NW Sec. 5 3N 9E.	2977'
M. V. Ring	E. Ring #1	330°N 330°E SWc SE NW Sec. 5 3N 9E.	2977'
Jack Inglis Oil Properties.	Glen Cralle #2	330°S 330°W NEc SE NW Sec. 19 3N 9E.	3013'
W. M. Runyon.	G. Miller Community #1.	330°S 330°W NEc SE NW Sec. 19 3N 9E.	3045'
John Zanetis	330°S 330°E NWc SE NW Sec. 33 3N 9E.	3102'	3064'
N. V. Duncan Drilling Co.	330°S 330°W NEc SE NW Sec. 33 3N 9E.	3149'	3102'
R. W. Harper, Jr.	330°S 660°E SWc NW NW Sec. 36 3N 9E.	3170'	3170'
	Edna Scherer #1	330°S 330°E NWc NW NW Sec. 18 3N 11E.	3248'
	Stage #1	330°S 365°W NEc NW NW Sec. 4 3N 14W.	3250'
	G. L. Adams #1	330°N 990°W SEc NW NE Sec. 6 4N 9E.	3112'

WELLS PLUGGED IN 1964—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
RICHLAND COUNTY—Concluded					
John Zanetis	Keen #5	330°N 330°W NEc NW NE Sec. 12 4N 9E	2644'	10-24-64	G.L. 557'
John Zanetis	Williamson #2	330°N 330°E SWc NW SE Sec. 12 4N 9E	2928'	10-25-64	G.L. 531'
A. A. Ribey	Delbert Buerster #1	405°S 330°W NEc NW SE Sec. 14 4N 9E	3020'	2-12-64	G.L. 561'
Continental Oil Company	Howard Gray "B" #3	330°N 330°W SEc NW SE Sec. 18 4N 9E	2725'	6-25-64	D.F. 460'
Continental Oil Company	Gray-Weidner Community #5	330°N 330°E NWc NW SE Sec. 18 4N 9E	3129'	6-27-64	D.F. 460'
F. M. Minor Drilling Co.	Chandler Heirs #1	330°N 330°E NWc NW SE Sec. 19 4N 9E	3120'	9- 8-64	G.L. 452'
The Pure Oil Company	William Southgate #5	365°N 330°E NWc NW SE Sec. 23 4N 9E	3752'	11-13-64	G.L. 536'
F. M. Minor Drilling Co.	Chandler-Murray #1	330°N 330°E NWc NW SE Sec. 30 4N 9E	3077'	10-23-64	G.L. 444'
The Pure Oil Company	Susannah Tatum #1	330°N 330°W SEc NE Sec. 33 4N 9E	3006'	5- 1-64	G.L. 528'
Ashland Oil & Refining Co.	C. H. Willie #1	330°S 330°W NEc SW NW Sec. 35 4N 9E	2968'	7-10-64	G.L. 475'
Crystal H. Rudy, Executrix	Zerkle-Seiler Comm. #1	330°S 330°E NWc SW Sec. 2 4N 10E	3011'	10-29-64	G.L. 477'
Arthur P. Muhlbach	W. E. Smith #1	330°S 330°E NWc SW Sec. 3 4N 10E	2933'	10-12-64	-----
John M. Zanetis	B. Wilson Cons. #1	330°S 330°E NWc SW Sec. 4 4N 10E	2906'	6-19-64	G.L. 453'
Basin Oil Development Co.	Eugene Ginder #1	990°N 330°E NWc NE SE Sec. 12 4N 10E	3097'	7-10-64	G.L. 496'
John M. Zanetis	Leat #2	330°S 330°E NWc NE SE Sec. 13 4N 10E	3120'	9-10-64	G.L. 491'
Cecil W. Newcomb	John Teel Community #1	330°S 330°E NWc NE SE Sec. 22 4N 10E	2990'	8-21-64	G.L. 442'
J. T. Speake	V. Wilson Community #1	330°N 330°W SEc NW NE Sec. 32 4N 10E	3012'	1-22-64	G.L. 441'
Black & Black Oil Co.	City of Olney #1	330°N 330°E NWc SW NW Sec. 33 4N 10E	3010'	11-10-64	G.L. 424'
Delbert H. Runyon	Stangle Community #1	330°N 330°W SEc NW NE Sec. 31 4N 11E	3285'	9-28-64	G.L. 539'
R. W. Harper	Wm. Klinger #1	330°N 330°W SEc NW Sec. 30 5N 9E	3191'	12- 8-64	G.L. 484'
Continental Oil Company	Hammer #1	330°S 330°E NWc SE Sec. 25 5N 10E	3010'	5-20-64	G.L. 474'
Ray Willis	Peter H. Von Almen #2	330°S 1206°W NEc SE NW Sec. 31 5N 14W	3027'	6-13-64	G.L. 492'
Ray Willis	Peter H. Von Almen #3	330°N 330°E SWc SE NW Sec. 31 5N 14W	3027'	6-18-64	G.L. 491'
ST. CLAIR COUNTY					
James H. Donnewald	Henry Schnur #1	330°N 330°E SWc NE Sec. 15 1S 6W	1950'	6- 1-64	G.L. 419'
George A. Hoffman	Edmund Burgard #1	660°N 330°W SEc NW Sec. 11 2S 6W	714'	1-20-64	G.L. 411'
Sun Oil Company	Walter E. Eckert #1	990°N 990°W SEc NE NE Sec. 21 2S 6W	909'	9- 7-64	G.L. 419.76'
A. H. Eisenstein	A. H. Behrmann #1	330°S 330°W NEc NE Sec. 22 2S 6W	1985'	5-15-64	G.L. 417'
Farvin E. Day	Walter Schluetter #1	330°N 330°W SEc NW SE Sec. 3 2S 7W	440'	10-30-64	G.L. 394.4'
Sun Oil Company	Mary Gundlach #1	1011°N 354°W SEc NE Sec. 24 2S 7W	582'	9- 4-64	G.L. 387.32'
Robert H. Robben	A. J. Meek Heirs #1	990°N 330°W SEc SW Sec. 36 3S 6W	1035'	8-29-64	G.L. 517'
SALINE COUNTY					
H. J. Schaffly	Clifton Stevens #1	330°S 330°W NEc NW NE Sec. 11 8S 5E	3058'	5-19-64	G.L. 400'
H. J. Schaffly	Clifton Stevens #2	330°S 330°W NEc SW NE Sec. 11 8S 5E	3067'	5-18-64	G.L. 405'
D. T. Drilling Company	Kenon-Baker #1	330°S 330°W NEc SE Sec. 22 8S 5E	3007'	8-10-64	-----
The Lobbs Corporation	Kenon-Pompa-Baker Etal #1	330°S 330°E NWc SW Sec. 22 8S 5E	3095'	9-12-64	D.F. 405'
Mutual Oil & Gas Company	Bennett #1	330°N 330°W SEc NW NE Sec. 13 8S 6E	3008'	5-13-64	G.L. 437'

Mutual Oil & Gas Company	C. Johnson #1	330° S 330° W NEc Sec. 13 8S 6E	3070'	5-11-64	D.F. 470'
N. V. Duncan Drilling Co.	Guest #1	330° S 330° W NEc Sec. 12 8S 6E	3100'	11-16-64	G.L. 401'
Charter Oil & Gas Co., Inc.	Union Chemical #1	330° N 330° E SWc Sec. 24 8S 6E	3182'	10-12-64	D.F. 400'
Poe Oil Corporation	Frieda Gates #5	330° N 330° E SWc Sec. 25 8S 6E	2572'	8-24-64	G.L. 392'
Poe Oil Corporation	Poe Oil Corporation, Etal #1	330° N 330° E SWc Sec. 25 8S 6E	2625'	8-27-64	G.L. 387'
Poe Oil Corporation	A. D. Thomas #1	330° N 330° E SWc Sec. 25 8S 6E	2905'	9-8-64	G.L. 380'
Farrar Oil Company	Walters #1	330° N 330° E SWc Sec. 25 8S 6E	2418'	4-18-64	G.L. 388'
Poe Oil Corporation	Deville #5	330° S 330° W NEc Sec. 35 8S 6E	2969'	8-18-64	G.L. 374'
Poe Oil Corporation	Frieda Gates #1-A	330° S 330° W NEc Sec. 36 8S 6E	2230'	8-12-64	G.L. 373'
Poe Oil Corporation	Frieda Gates #8	330° S 330° W NEc Sec. 36 8S 6E	2481'	9-1-64	G.L. 382'
Poe Oil Corporation	D. Thomas #3	330° S 330° W NEc Sec. 36 8S 6E	2880'	9-1-64	G.L. 382'
C. E. Brehm Drilling & Prod.	Need #1	330° S 330° W NEc Sec. 4 8S 7E	2955'	8-14-64	G.L. 393'
C. E. Brehm Drilling & Prod.	Need Etal #1	330° S 330° W NEc Sec. 4 8S 7E	2935'	11-2-64	D.F. 398'
B. E. Brehm Witherspoon	Alma Robertson #1	330° S 330° W NEc Sec. 16 8S 7E	2953'	2-12-64	G.L. 398'
Chlor Oil & Gas Company, Inc.	Barton #1	330° S 330° W NEc Sec. 19 8S 7E	2130'	11-28-64	G.L. 437'
G. L. Reaser	J. H. Porter "A" #2	330° S 330° W NEc Sec. 23 8S 7E	2930'	10-12-64	D.F. 406'
G. L. Reaser	Porter "A" #5	330° S 330° W NEc Sec. 23 8S 7E	3061'	11-10-64	D.F. 391'
Illinois Casing & Pulling Company	J. R. Davenport #2	330° N 330° E SWc Sec. 24 8S 7E	2895'	11-21-64	D.F. 392'
Eugene E. Morris	Carrie Riegel #1	330° N 330° E SWc Sec. 2 9S 5E	2861'	6-12-64	G.L. 398'
Paul Harris	Talbot Syers #1	330° N 330° W SEc SW Sec. 3 10S 6E	2375'	1-10-64	G.L. 380'
				10-28-64	
SANGAMON COUNTY					
Deckert Oil Company	Fairchild #1-D	330° S 330° W NEc NW Sec. 6 14N 3W	1732'	9-20-64	G.L. 588, 4'
Fred Prill	William Walker #3-A	330° N 330° W SEc SW Sec. 6 14N 3W	1747'	3-31-64	G.L. 587, 5'
Petra Production, Inc.	Russell Simpson #1	330° N 330° E SWc NE Sec. 1 14N 4W	1702'	12-1-64	G.L. 592'
Midland Oil Development Co., Inc.	Spicer #4	330° N 330° W SEc SE Sec. 1 14N 4W	1728'	12-10-64	G.L. 592'
Homerier & Goldbeck Oil Producers	Henry Kunz #1	330° N 600° W SEc NE Sec. 2 14N 4W	1716'	1-2-64	G.L. 585'
Wolf & Ranaletta	Carl Moore #1	330° S 330° E SWc NW Sec. 2 14N 4W	1698'	9-11-64	G.L. 537, 5'
Ted Steskal	Beam #1	330° N 330° E SWc NE Sec. 3 14N 4W	1725'	9-11-64	G.L. 585, 8'
Ted Steskal	Beam #2	330° N 330° W SEc NW Sec. 4 14N 4W	1723'	10-14-64	G.L. 586, 3'
Louis Marsch	Haines #1	330° S 330° W SEc NW Sec. 4 14N 4W	1737'	7-28-64	G.L. 585, 7'
Baughman & Osborn	Ross-Haines Etal #1	330° N 330° E SWc NE Sec. 4 14N 4W	1766'	8-26-64	G.L. 582, 1'
Pat Gentile & Black & Black Oil Company	J. A. Nave #1	330° N 330° E SWc NE Sec. 4 14N 4W	1750'	10-7-64	G.L. 582, 1'
Kenneth Hirstein	Randles #1	330° N 330° W SEc SW Sec. 4 14N 4W	1694'	10-7-64	G.L. 582, 1'
Jesse Werner, Trustee	Miller & Randels #1-A	330° S 330° W SEc SW Sec. 4 14N 4W	1725'	10-5-64	G.L. 582, 7'
Bartall Oil & Development Co., Inc.	Herbert Haines Comm. #1	330° S 330° W NEc SE Sec. 5 14N 4W	1732'	1-9-64	G.L. 592, 7'
Pat Gentile	Spence-Purnell Comm. #1	330° S 330° W NEc SE Sec. 5 14N 4W	1760'	1-25-64	G.L. 592, 4'
Joseph D. Carrier	Charles C. Jones #1	330° S 900° W NEc SE Sec. 7 14N 4W	1731'	1-25-64	G.L. 592, 4'
Northern Oil Company	Lela Beck Comm. #1	330° S 900° W NEc SE Sec. 7 14N 4W	1731'	3-13-64	G.L. 592, 4'
Northern Oil Company	Beck #2	330° S 330° E NWc SE Sec. 8 14N 4W	1750'	9-5-64	G.L. 583'
Northern Oil Company	Maier #1-A	330° S 424° W SEc NE Sec. 8 14N 4W	1750'	9-5-64	G.L. 583'
Atkins & Hale	Ayres #1	330° N 600° W SEc NE Sec. 9 14N 4W	1715'	12-8-64	G.L. 583, 3'
Beck, Oakley & Yakey	Edgington #1-B	330° N 600° W SEc NW Sec. 9 14N 4W	1730'	7-16-64	G.L. 583, 3'
James D. Jordan	Funderburg #1	330° N 600° W SEc NW Sec. 9 14N 4W	1760'	8-13-64	G.L. 583, 3'
Louis J. Noneman	McChelland Farm Lease #1	330° S 330° E NWc NE Sec. 9 14N 4W	1747'	7-21-64	G.L. 583, 8'
Pat Gentile	L. Wilcoxon #1	330° S 330° E NWc NE Sec. 9 14N 4W	1720'	7-30-64	G.L. 580, 5'
Bimall Oil Company	Robinson #1-A	330° S 330° W NEc NW Sec. 10 14N 4W	1760'	7-12-64	G.L. 587, 5'
Harold Mansfield	Shodgrass #1	330° S 330° E NWc NE Sec. 10 14N 4W	1747'	3-17-64	G.L. 580'

WELLS PLUGGED IN 1964—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
SANGAMON COUNTY—Concluded					
Bimuh Oil Company	B. F. Young #1	780° S 330° E NW Sec. 10 14N 4W	1756'	10-14-64	G.L. 579.45'
Northern Oil Company	B. F. Young #1	760° S 330° W NE Sec. 10 14N 4W	1755'	10-3-64	G.L. 595'
Don Hank, Alvin Roth, H. K. Pratt	Claudia Meredith #1	660° S 330° W NE Sec. 10 14N 4W	1700'	10-3-64	G.L. 549.8'
C. B. Mansfield	Carswell #1	330° N 660° W SE Sec. 17 14N 4W	1700'	4-17-64	G.L. 572'
C. F. Shoup & Joseph Allison	Delay #1	330° S 330° W NE Sec. 18 14N 4W	1729'	4-7-64	G.L. 593'
Decker Oil Company	Cary-Krell Comm. #1	330° S 330° E NW Sec. 19 14N 4W	1725'	3-21-64	G.L. 591.2'
C. E. Mansfield	Springfield Marine Bank Comm. #1	330° S 330° W SE Sec. 22 14N 4W	1796'	4-21-64	G.L. 587'
Pratt, Ratz, Baughman & Osborn	Langley #1	380° S 330° E NW Sec. 24 14N 5W	1695'	10-6-64	G.L. 572.6'
Dwight Beckham	Schroll #1-B	330° S 330° W NE Sec. 3 15N 3W	1334'	10-6-64	G.L. 588'
Bartall Oil & Development Co., Inc.	Ray Fling #1-B	330° S 330° W NE Sec. 20 15N 3W	1742'	7-25-64	G.L. 582'
John Homer	G. P. Kreider #1	330° S 330° E NW Sec. 21 15N 3W	1707'	12-11-64	G.L. 584'
Roman Oil Company	Ross #1	330° S 330° W SE Sec. 21 15N 3W	1740'	10-9-64	G.L. 597'
Radliff Oil Company	Rickett #2	330° S 330° W SE Sec. 21 15N 3W	1740'	10-9-64	G.L. 584'
Aladdin Oil Development Co.	Durbin #1	330° S 330° W SE Sec. 21 15N 3W	1740'	10-9-64	G.L. 584'
Aladdin Oil Development Co.	Helen Durbin #2	330° S 330° W SE Sec. 21 15N 3W	1750'	6-6-64	G.L. 584.2'
Radliff Oil Producer, Inc.	Greene #2	330° S 330° E NW Sec. 30 15N 3W	1753'	11-14-64	G.L. 596'
Rammoth Producing Corp.	John #1	330° S 330° E NW Sec. 32 15N 3W	1757'	6-4-64	G.L. 586'
M. M. & S. O. Company	John #1	330° S 330° E NW Sec. 32 15N 3W	1790'	10-25-64	G.L. 586'
John Homer	Taft #1	330° S 330° E NW Sec. 31 15N 4W	1649'	12-2-64	D.F. 593'
Aladdin Oil Development Co.	Hagerman #1	330° S 330° E NW Sec. 31 15N 4W	1611'	6-8-64	G.L. 573'
Aladdin Oil Development Co.	Boome #1	330° S 330° E NW Sec. 10 15N 4W	1720'	2-10-64	G.L. 549.2'
Aladdin Oil Development Co.	Elmer Boehme Etal #1	330° S 330° E NW Sec. 10 15N 4W	1654'	5-16-64	G.L. 574.2'
E. V. Richardson	Elmer Simpson Community #1	693° S 330° W NE Sec. 27 15N 4W	1674'	9-8-64	G.L. 582.2'
M. Mazzarino	Siebert-Bird #1	330° S 330° W NE Sec. 28 15N 4W	1657'	9-10-64	G.L. 582'
R. B. & Associates	Beam #1	330° S 330° E NW Sec. 31 16N 4W	1677'	11-14-64	G.L. 583'
Fred Prill	Miller #1	330° S 330° E NW Sec. 31 15N 4W	1672'	4-1-64	G.L. 582.3'
W. C. Stribling	Neuman #1	990° S 330° E NW Sec. 5 15N 7W	310'	2-23-64	G.L. 607'
R. B. & Associates	Gaule #1	400° S 330° E NW Sec. 12 16N 3W	1750'	7-7-64	G.L. 606.5'
Mammoth Producing Corp.	Brooks #1	330° S 330° E NW Sec. 32 16N 3W	1761'	6-5-64	G.L. 587.8'
Mammoth Producing Corp.	C. B. Brooks #2	330° S 330° E NW Sec. 32 16N 3W	1708'	6-6-64	G.L. 573'
Milton Carrier	Cromley-Miller #1	330° S 330° E NW Sec. 24 16N 4W	1717'	8-19-64	G.L. 573.5'
Atkins & Hale	Sara-Tex Spitzer #1	330° S 330° E NW Sec. 9 16N 6W	1338'	1-17-64	G.L. 595.3'
Atkins & Hale	Pickett #1	660° S 330° E NW Sec. 19 16N 6W	1321'	2-2-64	G.L. 577'
H. F. Robison	Goff #1	370° N 407° W SE Sec. 34 16N 7W	1307'	12-12-64	G.L. 584.4'
Otto Krachuk	John Tolan #1	330° S 330° W SE Sec. 33 17N 6W	1756'	9-16-64	G.L. 589'
SCHUYLER COUNTY					
Cliff Perardi	Clarence Ward #1	330° S 330° W NE Sec. 10 1N 1W	700'	9-25-64	G.L. 604'
Nathan Gordon	W. G. Trone Estate #1	330° S 990° E NW Sec. 10 2N 1E	930'	6-19-64	G.L. 609'

SHELBY COUNTY

Hill Production Company	Oscar Kessler #1	330°/S 990°/W NEc NW Sec. 8 9N 5E	2082'	9-19-64	G.L. 638'
Earhart & Armantrout	Bullerman #1	330°/N 330°/E SWc SEc. 14 9N 5E	2233'	11-23-64	G.L. 631, 4'
M. H. Richardson	D. C. Westenhaven #1	330°/N 330°/E SWc Sec. 15 10N 4E	1766'	8- 6-64	G.L. 617'
M. H. Richardson	Compton #3	330°/N 990°/W SEc Sec. 16 10N 4E	1842'	8-12-64	G.L. 617'
Robert H. Evans	Ralph Gallagher #1	330°/N 330°/E SWc NW Sec. 33 10N 4E	1883'	5-26-64	G.L. 619'
Don Durr	Chris Krueger #1	330°/N 330°/E SWc NW Sec. 23 10N 5E	1960'	1-30-64	G.L. 638, 86'
W. L. Belden	M. J. Rincker #1	330°/N 330°/E SWc NW Sec. 26 10N 5E	2151'	9-21-64	G.L. 641'
William W. McCaughy & Lloyd E. Rogers	Dickey #1	330°/N 330°/W SEc Sec. 31 11N 2E	2742'	7- 3-64	G.L. 589, 82'
Don Durr	Louise Doehring #1	990°/N 330°/W SEc SW Sec. 26 11N 5E	2094'	11- 7-64	G.L. 636, 4'
TAEZEWEEL COUNTY					
Earl T. Pinney	Paller #1	330°/S 330°/W NEc NW NE Sec. 25 24N 7W	600'	6-23-64	G.L. 433'
UNION COUNTY					
Athene Development Company, Inc.	Clarence Webb #2	660°/N 330°/W SEc SW Sec. 11 12S 1W	630'	5-22-64	
Robert L. Minton	R. Williams #1	330°/N 330°/W SEc NW SEc. 11 12S 1W	2430'	5-24-64	G.L. 584, 5'
WABASH COUNTY					
Cardinal Oil Co.	Yelch #1	820' from NW Line 330' from SW Line of 115' NW of SE Line 330' NE of SW Line of	1151'	7-29-64	G.L. 502'
Cardinal Oil Company	Yelch #2	Location #2 Sec. 11 11N 11W	2342'	11- 7-64	G.L. 507'
C. E. Skiles, Inc.	Clarence A. Lutz #1	1650°/N 330°/W SEc NW Sec. 3 1N 12W	1576'	9-20-64	G.L. 471'
Charles E. Carr	Charles H. Litherland #1	330°/N 330°/W SEc NW Sec. 8 1N 12W	1575'	7-10-64	G.L. 430'
Eugene C. Kiefer	Newell Wright #1	330°/S 330°/E NWc SW NW Sec. 13 1N 12W	1525'	8-17-64	G.L. 453'
Bedington & Kieffer Bros.	M. F. Seider #1	40°/S 915°/E NWc SW NE Sec. 14 1N 12W	1606'	4-17-64	G.L. 453'
Th-Far Oil Company	J. H. Seider #1	330°/S 330°/E NWc SW NW Sec. 14 1N 12W	2320'	6-13-64	G.L. 453'
Warren E. Carr	Lee Shaff #1	330°/S NWc NE Sec. 17 1N 12W	1545'	6-13-64	G.L. 455'
Charles Stitt	Chapman W-1	1860°/S 1924°/E NWc Sec. 25 1N 12W	1460'	1- 4-64	G.L. 401'
Kelly, Conrad, & Kaye	Seitz & Alka Community #1	1650°/N 330°/W SEc SW NW Sec. 33 1N 13W	2544'	7- 9-64	G.L. 410'
Crown Petroleum Associated, Inc.	John Harness Jr. #1	330°/N 330°/E SWc NE Sec. 34 2N 13W	2697'	4- 9-64	G.L. 483'
Don H. Baldwin, Inc.	Sharon Siebert #1	330°/N 330°/W SEc SW NW Sec. 5 1S 12W	1399'	12-14-64	
Francis L. Beard	Ermett Dunkel #1	1650°/N 990°/E SWc SEc. 19 1S 12W	2061'	8- 3-64	G.L. 396'
Skiles Oil Corporation	Ankenbrand-Tennis Comm. #1	330°/N 330°/E SWc NE Sec. 19 1S 12W	2458'	9-26-64	G.L. 405'
Indiana Farm Bureau Coop. Assn., Inc.	Chapman-Preston Community #1	330°/N 330°/E SWc SEc. 16 1S 13W	2590'	8-31-64	G.L. 412, 3'
H. Leo Garrett	Lola Berberick #1	330°/N 330°/E SWc SEc. 18 1S 13W	2908'	9-22-64	K.B. 446'
Don W. Newton	Sefferman #1	330°/N 330°/E SWc SEc. 29 1S 13W	2340'	12-23-64	G.L. 477'
James R. Van Buskirk	F. Wells #1	430°/N 330°/W SEc NW Sec. 32 1S 13W	2553'	3- 7-64	G.L. 423'
C. E. Skiles	Geney B #2	330°/S 330°/E SWc NE Sec. 23 1S 14W	2636'	5-12-64	D.F. 463'
Triangle Oil Company	Carroll Putnam #1	330°/N 330°/W SEc NW SEc. 28 1S 14W	2993'	12-15-64	G.L. 396'
A. B. Davis	August Hering #1	330°/N 330°/W NEc SW NE Sec. 7 2S 13W	3045'	5-16-64	G.L. 394'
Skiles Oil Corporation	Maude Cowling C #1	330°/S 330°/W NEc SW NE Sec. 7 2S 13W	2595'	9-24-64	D.F. 403'
Acme Casing Pulling Company	Kennard #1	330°/S 990°/W NEc NW SEc. 9 2S 13W	2367'	9- 4-64	
C. E. Skiles	Ross Cowling #B-2	330°/N 330°/W SEc NE Sec. 18 2S 13W	2580'	10-17-64	D.F. 402'
Nick Babare, Jr.	Extra Compton #6	330°/N 330°/W SEc NE SW Sec. 19 2S 13W	1860'	11- 2-64	G.L. 409'

WELLS PLUGGED IN 1964—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
WABASH COUNTY—Concluded					
Kelly, Conrad, & Kaye, Inc.	Fearheiley #3	990° S 330° E NW Sec. 32 2S 13W	1300'	5-4-64	G.L. 422'
R & B Drilling Co.	George Garst #1	330° S 330° E NW Sec. 34 2S 13W	1185'	7-21-64	G.L. 401'
Bagin Oil Development Co.	Elizabeth #1	330° S 330° E NW Sec. 22S 14W	3010'	11-25-64	G.L. 400'
Indiana F. C. Bureau	Pres #2	330° N 330° E NW Sec. 3 2S 14W	3064'	12-25-64	G.L. 400'
Tri-Pac Oil Company	Gerald #2	330° S 330° E NW Sec. 3 2S 14W	3065'	11-25-64	G.L. 400'
Dee Drilling Company	Robert #1	330° S 330° E NW Sec. 3 2S 14W	3065'	11-25-64	G.L. 400'
Basin Oil Development Co.	Pfeiffer Heirs #1	330° S 330° E NW Sec. 10 2S 14W	2931'	10-11-64	G.L. 401'
V. R. Gallagher	William Dunn #5	2970° S 3020° E NW Sec. 11 3S 14W	2854'	9-15-64	D.F. 389'
WASHINGTON COUNTY					
Elmer Oelze, Jr.	Woodrow Koelling #1	330° S 330° E NW Sec. 28 1N 1W	1335'	11-29-64	G.L. 461'
Jet Oil Company	Toedte #1	330° S 330° E NW Sec. 28 1N 1W	1345'	11-29-64	G.L. 462'
Jet Oil Company	Reinkensmeyer #1	330° S 330° W NW Sec. 30 1N 1W	1462'	11-23-64	G.L. 451'
Jet Oil Company	Grote Heirs 'A' #1	330° S 330° W NW Sec. 32 1N 1W	1494'	7-11-64	G.L. 464'
Jet Oil Company	Grote Heirs #1	330° S 330° E NW Sec. 25 1N 2W	1456'	7-6-64	G.L. 432'
Jet Oil Company	Fred Rohlfing #1	990° N 330° E NW Sec. 5 1S 1W	1551'	7-26-64	G.L. 468'
R. H. Troop	Marie Aldag #2	330° S 330° E NW Sec. 17 1S 1W	1440'	5-13-64	G.L. 433'
M. D. Burkett Oil Properties	Charles K. Fusselman #1	330° S 330° W NW Sec. 21 1S 1W	1590'	4-13-64	G.L. 498'
M. D. Burkett Oil Properties	Carl Koelling #1	330° S 330° W NW Sec. 21 1S 1W	1464'	6-23-64	G.L. 489'
George A. Thompson	Alvie & Chris Riechman #1	330° N 990° E NW Sec. 25 1S 1W	1710'	10-16-64	G.L. 647.5'
National Associated Petroleum Company	Martin Hohmann #1	990° N 330° E NW Sec. 1 1S 2W	3042'	6-4-64	G.L. 483'
Walter Duncan	Ben Huck #1	280° N 330° E NW Sec. 16 1S 2W	2965'	2-22-64	D.F. 495'
Coy Oil, Inc.	W. P. Weiking #1	330° N 330° E NW Sec. 20 1S 2W	1430'	5-7-64	G.L. 484'
National Associated Petroleum Company	Albert F. Mohwinkel #1	330° N 330° E NW Sec. 20 1S 2W	2908'	5-6-64	G.L. 436'
Jet Oil Company	Kugler-Heinmann Community #1	1650° N 330° E NW Sec. 4 1S 4W	1170'	6-27-64	G.L. 408'
Jet Oil Company	Delmar Perschbacher #1	330° S 330° W NW Sec. 4 1S 4W	2308'	6-12-64	G.L. 404'
Warrior Oil Company	Toensing Community #2	330° S 330° E NW Sec. 14 1S 4W	2465'	11-15-64	G.L. 412.5'
National Associated Petroleum Company	John K. Gaebe #1	365° N 330° E NW Sec. 24 1S 4W	2550'	7-29-64	G.L. 447'
National Associated Petroleum Company	Melvin Rennegarbe #1	330° N 330° E NW Sec. 33 1S 4W	2586'	5-27-64	G.L. 480'
David F. Herley	Steinkamp #1	330° S 624° E NW Sec. 24 1S 5W	2306'	8-15-64	G.L. 421.27'
N. A. Baldrige	Droege-Martocchio Community #1	330° S 330° E NW Sec. 2 2S 1W	1523'	10-23-64	K.B. 513'
N. A. Baldrige	Droege-Martocchio Community #2	330° S 990° E NW Sec. 2 2S 1W	1585'	6-20-64	G.L. 519.5'
N. A. Baldrige	Darrell Newcomb #1	330° N 330° E NW Sec. NE Sec. 11 2S 1W	1845'	12-27-64	G.L. 502'
Philip Bryant	Stokes Brothers #1	330° S 330° E NW Sec. 27 2S 1W	1492'	9-16-64	G.L. 496'
Lester Fieldford	Walter #1	330° S 330° E NW Sec. 27 2S 1W	1570'	8-24-64	G.L. 532.5'
Re-Mac Oil Company	Alvin Beek #1	330° S 330° E NW Sec. 17 2S 2W	1525'	7-30-64	G.L. 532'
Re-Mac Oil Company	Green & Rixman #1	330° S 330° E NW Sec. 20 2S 2W	1550'	11-3-64	G.L. 528'
Re-Mac Oil Company	John Krawiecki #1	330° N 330° E NW Sec. 25 2S 2W	1580'	3-8-64	G.L. 540'
National Associated Petroleum Company	Wm. F. Jacks #1	380° S 330° E NW Sec. 1 2S 3W	2944'	5-25-64	G.L. 463'
National Associated Petroleum Company	Wendell K. Gaebe #1	330° S 330° E NW Sec. 1 2S 3W	2670'	5-17-64	G.L. 467'
Jet Oil Company	Lene Frederking #1	330° N 330° E NW Sec. 22 2S 3W	1421'	5-26-64	G.L. 511'

George E. Kuhn.....	330° S 330° W NEc SE NE Sec. 22 3S 1W	1464'	8-11-64	G.L. 518'
National Associated Petroleum Company.....	330° S 330° W NEc Sec. 24 3S 1W	3788'	5- 5-64	G.L. 519'
Missionary Oil Company—				
Walter G. Gieck.....	700° N 60° E SWe Sec. 25 3S 1W	1560'	1- 1-64	G.L. 498'
Buflay Oil Company.....	330° S 330° W NEc SE NW Sec. 21 3S 2W	1350'	9-23-64	G.L. 492'
Jet Oil Company.....	330° N 480° E SWe NW NW Sec. 23 3S 2W	1339'	4-23-64	G.L. 486'
	330° N 330° E SWe NE NE Sec. 26 3S 5W	1130'	5-12-64	G.L. 480'
WAYNE COUNTY				
National Associated Petroleum Company.....				
E. C. Reeves.....	330° N 330° W SEc SW NW Sec. 11 1N 5E	3074'	7- 6-64	G.L. 446'
Edgar Holman #1.....	330° S 32° E NWe SE NW Sec. 18 1N 9E	2977'	11-14-64	D.F. 519'
O. E. Hargrave #1.....	330° S 330° W NEc SE NW Sec. 22 1N 9E	3068'	11-17-64	G.L. 489'
Beck #2.....	330° S 330° W NEc SE NW Sec. 18 1N 9E	3229'	12-11-64	G.L. 489'
Geist #1.....	330° N 330° W SEc NW NW Sec. 15 1N 6E	3221'	9-18-64	G.L. 489'
Royal Star Developing Co., Inc.....	330° N 330° W SEc NW NW Sec. 15 1N 6E	3200'	4- 9-64	G.L. 485'
John M. Zanetis.....	125° S 330° E NW Sec. 1 1N 7E	2970'	8-26-64	G.L. 430'
Robertson A #2.....	330° N 330° E SWe NW NW Sec. 2 1N 7E	2943'	11- 4-64	D.F. 429'
Cullum & Lawhead.....	330° N 330° E SWe NW NW Sec. 14 1N 7E	3125'	11-18-64	D.F. 452'
Cullum & Lawhead.....	330° S 330° E SWe NW NW Sec. 14 1N 7E	3113'	11-20-64	G.L. 435'
Central Drilling Company.....	330° S 660° E NWc NW NW Sec. 23 1N 7E	3195'	11-21-64	D.F. 449'
C. F. Rebstock.....	330° N 330° W SEc SW NW Sec. 12 1N 8E	3188'	4-22-64	
The Pure Oil Company.....	660° S 660° W NEc Sec. 15 1N 8E	3185'	8- 8-64	G.L. 470'
The Pure Oil Company.....	330° S 330° W NEc SW NW Sec. 15 1N 8E	3165'	11-24-64	G.L. 440'
N. V. Duncan.....	330° S 330° E NWc NE Sec. 33 1N 8E	3185'	11-18-64	G.L. 423'
John M. Zanetis.....	330° S 330° W NEc NW NW Sec. 33 1N 8E	3205'	10-20-64	G.L. 400'
Lycro Oil Company.....	330° N 330° W SEc SW NW Sec. 1 1N 9E	3285'	10-17-64	G.L. 399'
Lycro Oil Company.....	330° N 330° W SEc NE NW Sec. 23 1N 9E	3220'	11-22-64	G.L. 395'
Lycro Oil Company.....	330° S 330° E SWe NE NW Sec. 23 1N 9E	3230'	9-17-64	D.F. 392'
Lycro Oil Company.....	330° S 330° W NEc SE NW Sec. 23 1N 9E	3220'	9-15-64	D.F. 392'
Lycro Oil Company.....	330° S 330° E NWc NW NW Sec. 24 1N 9E	3174'	9-19-64	D.F. 392'
Lycro Oil Company.....	330° S 330° E NWc NW NW Sec. 24 1N 9E	3275'	9-18-64	D.F. 392'
Alexander Zanetis.....	990° N 330° W SEc SW NW Sec. 20 2N 7E	3220'	9-21-64	D.F. 392'
Shulman Brothers.....	330° S 330° W NEc NW NW Sec. 20 2N 7E	3200'	10- 2-64	G.L. 441'
The Pure Oil Company.....	330° S 330° E NWc NE NW Sec. 24 2N 7E	3074'	12-30-64	G.L. 425'
The Pure Oil Company.....	176° S 261° W NEc NE NW Sec. 27 2N 7E	3000'	2-28-64	G.L. 452'
Asphalt Oil & Refining Company.....	330° N 330° E SWe NW NW Sec. 16 2N 8E	2249'	2-26-64	G.L. 453'
W. W. Toler Drilling Co.....	330° N 330° W SEc NE NW Sec. 36 2N 8E	3239'	1-16-64	G.L. 468'
The Pure Oil Company.....	330° S 330° W SEc NE NW Sec. 30 2N 8E	3061'	6-27-64	G.L. 443'
W. O. Lucas.....	50° N 122° W SEc SE NW Sec. 30 2N 8E	3040'	12- 5-64	G.L. 419'
Shakespeare Oil Co., Inc.....	330° S 330° E SWe NW NW Sec. 24 2N 9E	3197'	10-23-64	G.L. 440'
Max E. Lazich.....	330° S 330° W NEc NW NW Sec. 5 1S 5E	2886'	11-10-64	G.L. 444'
Continental Oil Company.....	330° N 330° W SEc SW NW Sec. 14 1S 5E	3042'	10-27-64	G.L. 440'
Skiles Oil Corporation.....	660° N 660° W NEc NW NW Sec. 14 1S 6E	3060'	11- 8-64	G.L. 418'
Texasco Inc.....	330° N 330° W NEc NW NW Sec. 7 1S 8E	3335'	10-20-64	D.F. 441'
	330° N 330° E NWc NE NW Sec. 8 1S 7E	3301'	7-21-64	D.F. 441'
	330° N 330° W SEc NE NW Sec. 16 1S 7E	3275'	8-21-64	D.F. 476'
	330° N 330° W SEc NE NW Sec. 16 1S 7E	3329'	2- 5-64	D.F. 440'

WELLS PLUGGED IN 1964—Continued

Operator	Well	Location	Total depth	Date plugged	Elev.
WAYNE COUNTY—Concluded					
Tipps Casing & Pulling Company	West Geff Unit #B-10	330° S 330° E NwC SW SW Sec. 16 1S 7E	3215'	5-15-64	G.L. 471'
Tipps Casing & Pulling Company	Marshall C. Smith #1	330° N 330° W Sec SW SW Sec. 16 1S 7E	3267'	5-5-64	G.L. 472'
Gulf Oil Corporation	West Geff Unit #A-1A	260° N 400° W Sec SW SW Sec. 16 1S 7E	3222'	2-14-64	G.L. 472'
Gulf Oil Corporation	K. Adams #2	330° N 330° W Sec SW SW Sec. 21 1S 7E	3157'	3-2-64	G.L. 463'
Tipps Casing & Pulling Company	West Geff Unit #G-1	330° S 330° W NwC SW SW Sec. 21 1S 7E	3166'	6-8-64	G.L. 468'
Tipps Casing Pulling Co.	West Geff Unit #H-2	330° S 330° W NwC SW SW Sec. 21 1S 7E	3214'	2-25-64	G.L. 458'
Tipps Casing Pulling Co.	M. C. Smith #6	330° S 330° E NwC SW SW Sec. 21 1S 7E	3161'	6-7-64	G.L. 464'
Gulf Oil Corporation	M. C. Smith #7	330° S 330° E NwC SW SW Sec. 21 1S 7E	3177'	2-11-64	G.L. 468'
Tipps Casing Pulling Co.	Marshall Smith #9	330° S 330° E NwC SW SW Sec. 21 1S 7E	3168'	5-19-64	G.L. 464'
General American Oil Company of Texas	B. F. Ellis #1	2310° S 100° E NwC SW SW Sec. 21 1S 7E	3254'	6-27-61	D.F. 447'
Floyd E. Thompson	Kunce #2	330° S 330° E NwC SW SW Sec. 15 1S 8E	3252'	6-6-64	
Floyd E. Thompson	Kunce #3	330° N 330° E SwC NW NE Sec. 15 1S 8E	3250'	6-2-64	
Petroleum Development Services, Inc.	J. W. Fetherling Etal #1	330° S 330° W NwC SW SW Sec. 15 1S 8E	3252'	6-4-64	
Robinson Production, Inc.	Max Cornick #1	330° S 330° W NwC SW SW Sec. 21 1S 9E	3353'	9-30-64	G.L. 386'
Tri-State Casing Pulling Co.	Hubble #1	330° N 330° W Sec SW SW Sec. 9 2S 8E	4002'	7-2-64	G.L. 430'
Robinson Production, Inc.	B. Earl Puckett A #1	330° N 330° W Sec SW SW Sec. 16 2S 8E	5315'	7-31-64	G.L. 437'
Robinson Production, Inc.	B. Earl Puckett Etal #2	330° S 330° W NwC SW SW Sec. 16 2S 8E	5200'	1-22-64	G.L. 436'
Robinson Production, Inc.	B. Earl Puckett A-5	330° S 330° W NwC SW SW Sec. 16 2S 8E	5264'	1-3-64	G.L. 436'
Robinson Production, Inc.	Puckett A-6	330° S 330° E NwC SW SW Sec. 16 2S 8E	5268'	2-8-64	G.L. 430'
Keoughan Brothers	H. H. French #1	330° S 330° W NwC SW SW Sec. 19 2S 9E	5231'	6-7-64	G.L. 430'
Kirby Petroleum Company	Clark B-1	330° S 330° W NwC SW SW Sec. 20 2S 8E	5253'	3-27-64	D.F. 457'
N. C. Davoust Company	Leach Mounts Unit #2	330° S 330° E NwC SW SW Sec. 20 2S 8E	5261'	3-31-64	D.F. 482'
N. V. Duncan	Paul A. Woods #1	330° S 330° W NwC SW SW Sec. 9 2S 8E	5261'	7-27-64	D.F. 385'
N. V. Duncan	O'Leary Comm. #1	330° N 330° W Sec SW SW Sec. 11 2S 9E	3382'	12-16-64	G.L. 444'
N. V. Duncan	Wylie #1	330° N 330° E SwC SW SW Sec. 23 2S 9E	3134'	10-23-64	G.L. 446'
N. V. Duncan	Mary Wylie Etal #4	330° N 330° E SwC SW SW Sec. 26 2S 9E	3413'	10-30-64	G.L. 405'
N. V. Duncan	Richard Bell #1	330° S 330° W NwC SW SW Sec. 26 2S 9E	3457'	10-26-64	G.L. 440'
Cities Service Oil Co.	Keltaker #2	330° S 330° W NwC SW SW Sec. 31 2S 9E	3141'	10-27-64	G.L. 449'
		330° S 330° E NwC SW SW Sec. 4 3S 9E	3400'	3-7-64	G.L. 403'
			3440'	4-4-64	G.L. 431'
WHITE COUNTY					
Basin Oil Development Company	H. Smith #1	330° N 330° W Sec NE Sec. 28 3S 9E	3450'	8-18-64	G.L. 433'
Goad & Hays	Goad #1	330° S 330° E NwC NW SW NW Sec. 29 3S 9E	3491'	4-4-64	G.L. 417'
L. D. Sawyer	Peter K. Blackford #6	330° N 330° W Sec SW Sec. 23 3S 10E	2974'	9-28-64	
Tallman Lease Holders	Tallman #1	330° S 330° E NwC NE Sec. 26 3S 10E	3216'	11-12-64	G.L. 402'
Acme Casing Pulling Co.	Rolla E. Dawson Etal #7	330° S 330° W NwC NE Sec. 34 3S 10E	2890'	10-28-64	D.F. 417'
Acme Casing Pulling Co.	Frank C. Miller #3	205° S 330° E NwC NE Sec. 34 3S 10E	2888'	10-24-64	D.F. 417'
Acme Casing Pulling Co.	Rolla E. Dawson Etal #1	330° S 330° W NwC NE Sec. 35 3S 10E	3159'	5-11-64	G.L. 475'
G. C. Parker	Groff #1	330° S 330° W NwC NW NW Sec. 36 3S 10E	1807'	11-7-64	

Max Reese	Walter Woodlawn #1	330°N 330°E SWC NW Sec. 20 3S 14W	3019'	4- 2-64	D.F. 420'
Butler Equipment Co.	Netauf #1	330°N 330°W NDE SE Sec. 31 4S 14W	2337'	6-23-64	D.F. 406'
Robinson Production, Inc.	Evans Robertson #1	330°N 330°W SEC SW Sec. 11 4S 8E	3583'	5-31-64	G.L. 384'
Falsess Oil Company	John J. Jones #1	330°N 330°E NWC NE Sec. 12 4S 9E	3318'	9-11-64	G.L. 488'
Frank Elliott & Paul T. Johnson	Frank B. Jones #1	330°N 330°E NWC NW Sec. 24 4S 9E	3373'	9-25-64	D.F. 390'
Ben J. Taylor & L. A. Schumaker	Chas. F. Stein #1	330°N 330°E NWC NE Sec. 25 4S 9E	2905'	7-28-64	G.L. 367'
Cullum & Lawhead	Chas. Steinman #1	330°N 330°E NWC NE Sec. 27 4S 9E	3179'	2- 7-64	G.L. 399'
Lohmann-Johnson Drilling Co., Inc.	Chas. E. Peter #1	330°N 330°E NWC NE Sec. 33 4S 9E	3380'	7-17-64	G.L. 399'
Dee Drilling Company	Ray Hanks #1	330°N 330°E NWC SW Sec. 2 4S 10E	3274'	1-18-64	G.L. 399'
John B. Murvin	Holbrook McKnight #1	330°N 330°E NWC SW Sec. 3 4S 10E	3249'	1-28-64	G.L. 402'
Kirby Petroleum Co.	Vivian Clark #1	330°N 330°E NWC NE Sec. 5 4S 10E	3256'	7-28-64	G.L. 367'
Kirby Petroleum Co.	Vivian Clark #2	330°N 330°E NWC NE Sec. 26 4S 10E	3053'	2- 5-64	G.L. 397'
Kirby Petroleum Co.	Vivian Clark #3	330°N 330°E NWC NE Sec. 26 4S 10E	3082'	2- 5-64	D.F. 401'
Kirby Petroleum Co.	Vivian Clark #4	330°N 330°E NWC NE Sec. 26 4S 10E	3014'	1-25-64	D.F. 417'
Kirby Petroleum Co.	Roy Stokes #2	330°N 330°E NWC NE Sec. 26 4S 10E	3104'	2- 5-64	D.F. 407'
Kirby Petroleum Co.	Stokes B #2	330°N 330°E NWC NE Sec. 26 4S 10E	3009'	1-23-64	D.F. 400'
Kirby Petroleum Co.	John C. Spencer "B" #1	330°S 330°E NWC NE Sec. 26 4S 10E	3117'	2-27-64	D.F. 400'
Kirby Petroleum Co.	John C. Spencer #3	330°S 330°E NWC NE Sec. 35 4S 10E	3060'	2-14-64	G.L. 389'
Mike Reeler Oil Co.	Garner #1	330°N 330°W SEC SW Sec. 36 4S 10E	3164'	6- 5-64	G.L. 389'
Phillips Petroleum Co.	Laura #9	330°N 1600°E SWC SW Sec. 19 4S 11E	1130'	10-16-64	G.L. 437'
Phillips Petroleum Co.	Phillipstown Unit #13	2310°N 330°W SEC NE NW Sec. 31 4S 11E	2970'	10- 2-64	G.L. 432'
Phillips Petroleum Co.	Vivian Clark #6	330°S 330°W SEC SE SW Sec. 26 4S 19E	2916'	1-28-64	G.L. 416'
W. A. Schuler	Smith #1	330°N 330°W SEC SE SW Sec. 5 4S 14W	2888'	6-10-64	G.L. 418'
E. F. Moran, Inc.	Thomas E. Potter #1	330°S 330°W SEC SE SW Sec. 5 4S 14W	2794'	9-25-64	G.L. 418'
Sohio Petroleum Co.	G. Brown #1	330°S 330°W SEC SE NW Sec. 20 4S 14W	2980'	8-27-64	G.L. 419'
Skiles Oil Corporation	E. S. Jacobs #2	330°S 330°W SEC SE NW Sec. 29 4S 14W	2950'	1- 9-64	G.L. 367'
Skiles Oil Corporation	E. S. Jacobs #3	315°N 155°W SEC NE NE Sec. 29 4S 14W	2871'	8-25-64	D.F. 373'
Burns Drilling Company	A. A. Atteberry #3-A	330°S 330°E NWC SW Sec. 30 4S 14W	2874'	8- 8-64	D.F. 409'
C. E. Brehm	Edward J. Lutz #1	330°S 330°E NWC SW Sec. 12 4S 8E	1940'	11-25-64	G.L. 409'
E. A. Obering	Scott #1	330°S 330°E NWC SW Sec. 28 4S 8E	3367'	12-12-64	G.L. 409'
M. V. Ring	M. Wiggers #1	330°S 330°E NWC SW Sec. 32 4S 8E	3255'	10-20-64	D.F. 438'
Ryan & Sharp	L. D. Apple #1	330°S 330°E NWC SW Sec. 35 4S 8E	3281'	11- 4-64	G.L. 418'
Pricedfields Oil, Inc.	Barlow #1	330°S 330°W SEC SW Sec. 35 4S 9E	2983'	3- 8-64	D.F. 458'
J. D. Turner	John Zimmerman #1	330°S 330°W SEC SW Sec. 35 4S 9E	2983'	6- 2-64	G.L. 438'
Floyd E. Thompson	John Q. Lamp #1	330°S 330°W SEC SW Sec. 35 4S 9E	3086'	10-20-64	G.L. 366'
T. L. Clark	Land #1	330°S 330°W SEC SW Sec. 35 4S 9E	3086'	10-20-64	G.L. 366'
Tamarack Petroleum Co.	Calvert #1	330°S 330°W SEC SW Sec. 35 4S 9E	3086'	10-20-64	G.L. 366'
Universal Operating, Inc.	H. H. Calvert #1	330°S 330°W SEC SW Sec. 35 4S 9E	3086'	10-20-64	G.L. 366'
Universal Operating, Inc.	H. H. Calvert #2	330°S 330°W SEC SW Sec. 35 4S 9E	3086'	10-20-64	G.L. 366'
Kirby Petroleum Co.	Walter Hines B-L-N Unit #1	330°S 330°W SEC SW Sec. 35 4S 9E	3086'	10-20-64	G.L. 366'
R. B. & Associates	Erna Brown Alford #1	330°S 330°W SEC SW Sec. 35 4S 9E	3086'	10-20-64	G.L. 366'
Illinois Lease Operating, Inc.	Bertha D. Anderson #1	330°S 330°W SEC SW Sec. 35 4S 9E	3086'	10-20-64	G.L. 366'
National Associated Petroleum Company	John Anderson #1	330°S 330°W SEC SW Sec. 35 4S 9E	3086'	10-20-64	G.L. 366'
Mabee Petroleum Company	B. H. Kiser #1	330°S 330°W SEC SW Sec. 35 4S 9E	3086'	10-20-64	G.L. 366'
Humble Oil & Refining Company	B. H. Kiser #2	330°S 330°W SEC SW Sec. 35 4S 9E	3086'	10-20-64	G.L. 366'
Sinclair Wyoming Oil Co.	B. H. Kiser #3	330°S 330°W SEC SW Sec. 35 4S 9E	3086'	10-20-64	G.L. 366'
Humble Oil & Refining Company	Tony Kiser #1	330°S 330°W SEC SW Sec. 35 4S 9E	3086'	10-20-64	G.L. 366'
Humble Oil & Refining Company	Tony Kiser #2	330°S 330°W SEC SW Sec. 35 4S 9E	3086'	10-20-64	G.L. 366'
Humble Oil & Refining Company	C. A. Pye #1	330°S 330°W SEC SW Sec. 35 4S 9E	3086'	10-20-64	G.L. 366'

WELLS PLUGGED IN 1964—Concluded

Operator	Well	Location	Total depth	Date plugged	Elev.
WHITE COUNTY—Continued					
National Associated Petroleum Company	Otto Atchley "C" #1	330°N 43°E SWc SE SW Sec. 8 6S 9E	3128'	8-21-64	G.L. 411'
Carter Oil Company	E. R. Munsey #2	330°S 43°E NWc NE NW Sec. 8 6S 9E	2563'	2-4-64	D.F. 413'
Pacific Operating Co.	C. Aldridge #1-A	330°S 250°W NEc NW NE Sec. 12 6S 9E	2980'	1-10-64	G.L. 391'
Malbee Petroleum Corp.	C. S. Aldridge #1-A	330°S 330°W NEc NW NE Sec. 22 6S 9E	2260'	5-8-64	G.L. 379'
Burns Drilling Company	Harry And Etal #1	330°S 330°W SEc NW NW Sec. 24 6S 9E	3080'	10-3-64	G.L. 364.5'
W. R. Tuley	Phillips-Tuley #1	330°S 330°W SEc NW NW Sec. 24 6S 9E	2190'	12-22-64	G.L. 389'
Skelly Oil Company	Palestine Sand Unit #W45	330°S 330°W SEc NW NE Sec. 24 6S 10E	2087'	8-28-64	G.L. 331'
Socomey Mobile Oil Co., Inc.	Palestine Sand Unit #W56	330°S 330°W SEc NW NE Sec. 24 6S 10E	2091'	8-27-64	G.L. 433'
National Associated Petroleum Company	Harriet Pearce Trust #3-A	330°S 330°W SEc NW NE Sec. 24 6S 10E	2226'	1-5-64	G.L. 366'
National Associated Petroleum Company	Harriet Pearce Trust #1	330°S 330°W SEc NW NE Sec. 34 6S 10E	2145'	1-25-64	D.F. 364'
National Associated Petroleum Company	Harriet Pearce Trust #7	330°S 330°W SEc NW NE Sec. 34 6S 10E	3032'	2-1-64	D.F. 365'
National Associated Petroleum Company	Cicely D. Hubele "C" #1	330°S 330°W SEc NW NE Sec. 34 6S 10E	2376'	1-30-64	D.F. 367'
Magnolia Petroleum Co.	Wilson Etal #2	330°S 330°E SWc NE NW Sec. 7 6S 11E	2990'	8-1-64	D.F. 367'
American Pump & Supply Company	L. H. Bayley #3	330°S 330°E SWc NE NW Sec. 19 6S 11E	3136'	9-5-64	D.F. 451'
American Pump & Supply Company	L. H. Bayley #4	330°S 330°W NEc NE NW Sec. 3 7S 9E	3160'	9-5-64	D.F. 424'
Jerry L. Esch	L. S. Bayley #1	710°N 345°W SEc SW Sec. 11 7S 9E	1833'	8-12-64	G.L. 431'
Jerry L. Esch	L. S. Bayley #2	330°S 330°E NWc SE NW Sec. 11 7S 9E	1828'	1-6-64	D.F. 433'
Fred Demier	J. J. Harrell #5	330°S 330°E SWc NE NW Sec. 14 7S 9E	2941'	5-2-64	D.F. 434'
George C. Schoonmaker	Williams #3	330°S 330°E SWc NE NW Sec. 14 7S 9E	2618'	6-25-64	D.F. 395'
Ben J. Taylor & L. A. Schumacher	Nettie Moore #1	330°S 330°E SWc SE NW Sec. 16 7S 9E	2730'	5-1-64	G.L. 399'
National Associated Petroleum Company	Hamilton Heirs #1	330°S 330°E NWc SE NW Sec. 14 7N 8E	3064'	10-29-64	G.L. 399'
	Ackerman Heirs "C" #1	990°S 815°E NWc SE NW Sec. 16 7S 10E	3030'	4-20-64	G.L. 357'
WILLIAMSON COUNTY					
American Pump & Supply Company	Luther Beers #1	330°S 330°W NEc NW Sec. 28 8S 4E	3087'	9-17-64	---
Eugene E. Morris	Nordwig-Murphy Community #1	330°N 330°W SEc NW Sec. 30 8S 4E	2785'	3-11-64	G.L. 521'
Eugene E. Morris	Mae Sims #1	330°N 330°W SEc NW Sec. 32 8S 4E	2780'	5-9-64	G.L. 503'

PRODUCING WELLS COMPLETED IN 1964

Name of operator	Name of well and number	Location	Formation	Total depth	Est. IP daily (bbls)	Elev.
BOND COUNTY						
Arnold Wilson.....	Lloyd Gillespie #1.....	330° S 330° E NW Sec. 23 5N 4W	Penn.	560'	3	G.L. 483, 20'
CHRISTIAN COUNTY						
E. G. Welker.....	Connelly #1-A.....	350° S 490° E NW Sec. 15 13N 1E	Devonian	2334'	60	G.L. 617'
E. G. Welker.....	Ralph Jones #1-A.....	660° S 330° E NW Sec. 15 13N 1E	Devonian	2340'	24	G.L. 615'
E. H. Kaufman.....	Tedrow #1.....	330° N 330° E SW Sec. 20 13N 1E	Benoist	1114'	20	G.L. 618'
Schaefer Oil Company.....	Barthole #1.....	660° N 330° W Sec. NW Sec. 7 14N 2W	Silurian	1908'	75	G.L. 594'
Schaefer Oil Company.....	Padgett #2.....	330° S 330° E NW Sec. NW Sec. 7 14N 2W	Silurian	1914'	150	G.L. 595'
Schaefer Oil Company.....	Stout #1.....	330° S 330° W NE Sec. NW Sec. 7 14N 2W	Silurian	1916'	15	G.L. 592'
Jack Robinson.....	Jones #1.....	330° S 355° W NE Sec. NW Sec. 19 14N 3W	Silurian	1733'	3	G.L. 591'
Jack Robinson.....	Rink #6.....	318° N 330° E SW Sec. NW Sec. 20 14N 3W	Silurian	1708'	20	G.L. 591'
James D. Jordan.....	Francis B. Mulberry Comm. #1.....	330° S 330° E NW Sec. NW Sec. 19 15N 1W	Silurian	1915'	35	G.L. 603'
Mansfield Properties E. D. Harmon, Trustee.....	Herman #2.....	330° N 330° E SW Sec. NW Sec. 22 15N 1W	Silurian	1930'	25	G.L. 597'
James D. Jordan.....	Masters #1.....	330° N 330° W Sec. NW Sec. 13 15N 2W	Silurian	1915'	45	G.L. 610, 9'
James D. Jordan.....	Scholes #1.....	330° N 330° W Sec. NW Sec. 22 15N 2W	Silurian	1896'	35	G.L. 590'
James D. Jordan.....	Scholes #1.....	330° N 492° W Sec. NW Sec. 22 15N 2W	Silurian	1901'	55	G.L. 590, 4'
James D. Jordan.....	Scholes #2.....	330° S 330° W NE Sec. NW Sec. 22 15N 2W	Silurian	1899'	50	G.L. 587, 9'
James D. Jordan.....	Scholes #3.....	330° N 337° E SW Sec. NW Sec. 22 15N 2W	Silurian	1901'	50	G.L. 590'
Baughman & Osborn.....	Dorris #2.....	330° N 380° E SW Sec. NW Sec. 35 15N 2W	Silurian	1940'	8	G.L. 601'
CLARK COUNTY						
Sands Oil Corporation.....	James Seaton #1.....	330° N 330° W Sec. NW Sec. 7 9N 13W	Casey	508'	5	G.L. 587'
Charles Eager.....	P. Crumrin #1.....	330° S 330° E NW Sec. NW Sec. 26 9N 13W	Penn.	887'	1	G.L. 588, 2'
C. E. Skiles, Inc.....	P. Grant #1.....	330° S 330° E NW Sec. NW Sec. 2 9N 14W	Casey	542'	1	G.L. 602'
C. E. Skiles, Inc.....	P. Grant #5.....	330° S 330° W NE Sec. NW Sec. 2 9N 14W	Casey	498'	1	G.L. 576'
C. E. Skiles, Inc.....	P. Howe #31.....	330° S 330° E NW Sec. NW Sec. 11 9N 14W	Casey	502'	1	G.L. 597'
C. E. Skiles, Inc.....	P. Howe #32.....	330° S 330° E NW Sec. NW Sec. 11 9N 14W	Casey	508'	1	G.L. 591'
C. E. Skiles, Inc.....	P. Howe #33.....	373° N 335° W Sec. NW Sec. NW Sec. 11 9N 14W	Casey	483'	1	G.L. 582'
Virgil Steuter.....	Stanley Washburn #1.....	330° S 330° E NW Sec. NW Sec. 32 9N 14W	Carpier	2300'	17	G.L. 591'
Charles Waters.....	R. McFarland & Wm. J. McFarland #1.....	330° N 330° W Sec. NW Sec. 19 10N 13W	Carpier	1400'	8	G.L. 598'
Leonard S. Rankle.....	Wm. J. McFarland #2.....	330° N 330° W Sec. NW Sec. 30 10N 13W	Carpier	1365'	15	G.L. 596, 5'
Gallatin Drilling Company.....	William Shick #2.....	330° N 330° W Sec. NW Sec. 31 10N 13W	Carpier	1420'	30	G.L. 593'
Froderman & Connelly.....	Gelsert #2.....	330° N 330° W Sec. NW Sec. 2 10N 14W	Casey	384'	5	G.L. 626'

PRODUCING WELLS (Completed in 1964)—Continued

Name of operator	Name of well and number	Location	Formation	Total depth	Est. IP daily (bbls)	Elev.
CLARK COUNTY—Continued						
Collins Brothers Oil Company.....	Roll Stephenson #1.....	330°N 330°E SWc Sec. 13 10N 14W.....	Penn.....	2100'	1	G.L. 410'
Earnest Zink.....	Tarble #6-B.....	170°N 580°W SEc NE Sec. 2 11N 14W.....	Penn.....	425'	5	G.L. 638'
Earnest Zink.....	Tarble #6-B.....	100°N 330°E SWc SE NE Sec. 2 11N 14W.....	Penn.....	437'	8	G.L. 644'
Earnest Zink.....	Tarble #10-B.....	150°N 330°E SWc NW NE Sec. 2 11N 14W.....	Penn.....	430'	10	G.L. 640'
Fear & Duncan.....	Tarwolf #2.....	330°N 660°E SWc NW NE Sec. 8 11N 14W.....	Trenton.....	2415'	75	G.L. 668'
Earnest Zink.....	Morrill #1.....	990°N 990°W SEc SW Sec. 12 11N 14W.....	Penn.....	419'	6	G.L. 651'
Earnest Zink.....	Morrill #2.....	990°N 990°W NEc SW Sec. 12 11N 14W.....	Penn.....	392'	8	G.L. 649'
Virgil Streeter.....	Booth #1.....	330°S 330°E NWc NE SE Sec. 18 11N 14W.....	Carper.....	986'	38	G.L. 653'
Virgil Streeter.....	Cuma Lee #1-A.....	330°N 330°W SEc SW NE Sec. 18 11N 14W.....	Carper.....	972'	25	G.L. 649.5'
Virgil Streeter.....	Cuma Lee #2.....	330°N 330°W SEc NW SW NE Sec. 18 11N 14W.....	Carper.....	972'	18	G.L. 645'
Virgil Streeter.....	Phillips #6-A.....	330°N 330°E SWc SE NE Sec. 18 11N 14W.....	Carper.....	980'	45	G.L. 652'
John W. Fawcett.....	Glenn Barbee #5.....	330°S 330°E NWc SE SW Sec. 34 12N 14W.....	Penn.....	384'	3	G.L. 648'
CLAY COUNTY						
Southern Illinois Oil Producers, Inc.....	L. J. Bissey #2.....	330°N 330°E SWc NE Sec. 2 2N 7E.....	Salem.....	3579'	50	G.L. 449'
Southern Illinois Oil Producers, Inc.....	Bissey Heirs #3.....	330°N 330°W SEc NW Sec. 2 2N 7E.....	Salem.....	3570'	5	G.L. 449'
John M. Zanetis.....	W. L. Stanford #4.....	330°S 330°W NEc SW SW Sec. 3 2N 7E.....	Rosiclare.....	3103'	10	G.L. 423'
Gulf Oil Corporation.....	West Seminary Unit Well #3-2.....	330°N 330°W SEc NW NW Sec. 5 2N 7E.....	McClosky.....	3105'	20	G.L. 467'
Southern Illinois Oil Producers, Inc.....	Nolan #1-B.....	330°S 330°E NWc NE NW Sec. 10 2N 7E.....	Aux Vases.....	2985'	25	G.L. 435'
Southern Illinois Oil Producers, Inc.....	Nolan #2-B.....	330°S 330°W NEc NW Sec. 10 2N 7E.....	Aux Vases.....	2995'	25	G.L. 439'
John M. Zanetis.....	Travis #1.....	330°S 330°W NEc SW SE Sec. 4 2N 8E.....	McClosky.....	3012'	35	G.L. 446'
Shulman Brothers.....	G. W. Sharp #1-A.....	330°N 330°E SWc NE NW Sec. 10 2N 8E.....	Aux Vases.....	2605'	50	G.L. 428'
Shulman Brothers.....	G. E. Sharp #2.....	330°N 330°E SWc SE NW Sec. 10 2N 8E.....	Cypress.....	2617'	11	G.L. 428'
Francis M. Pierce.....	Holman-Routt Comm. #1.....	330°S 330°W NEc SW NW Sec. 14 2N 8E.....	McClosky.....	3100'	28	G.L. 433'
F. M. Minor Drilling Company.....	Hubert Evans #1.....	660°N 330°E SWc SE Sec. 15 2N 8E.....	Aux Vases.....	3065'	3	G.L. 441'
F. M. Minor Drilling Company.....	Hubert Evans #1-A.....	330°N 330°E SWc SE Sec. 15 2N 8E.....	Aux Vases.....	3100'	10	G.L. 440'
The Pure Oil Company.....	C. R. Bunn—B #3.....	663°S 330°E NWc NE Sec. 17 2N 8E.....	Cypress.....	3105'	60	G.L. 455'
Phillips Petroleum Company.....	West Kenner Unit #33.....	330°S 330°W NEc NW SE Sec. 23 3N 5E.....	Aux Vases.....	2807'	27	G.L. 533'
Shulman Brothers.....	Gill #1.....	330°N 660°E SWc SE SW Sec. 10 3N 7E.....	Cypress.....	3000'	25	G.L. 449'
Shulman Brothers.....	Gill #5.....	330°S 330°W NEc SE SW Sec. 10 3N 7E.....	McClosky.....	2998'	30	G.L. 430'
Estate of H. W. Rudy.....	Hance Heirs #1.....	330°N 330°E SWc NW NE Sec. 13 3N 7E.....	Aux Vases.....	3000'	10	D.F. 427'
Crystal H. Rudy, Executrix.....	Albert Duke #1.....	330°N 330°W SEc SW NW Sec. 15 3N 7E.....	McClosky.....	3030'	80	G.L. 451'
John B. Burvin.....	Albert Duke #1.....	330°S 330°E NWc NE NW Sec. 15 3N 7E.....	Rosiclare.....	2963'	600	G.L. 450'
Shulman Brothers.....	Albert Duke #1.....	330°S 330°E NWc NE NW Sec. 15 3N 7E.....	McClosky.....	2992'	57	G.L. 436'
Earle B. Reynolds.....	M. Taylor #1-B.....	330°S 990°W NEc Sec. 24 3N 7E.....	Aux Vases.....			

Everett N. Bangert & John D. Gordon.....	D. Watson #1.....	330° N 330° W SEc NW SE Sec. 24 3N 7E.	Aux Vases Benoist.....	3110'	25	G.L. 452'
Charles Oil Company.....	Bayler #2.....	330° S 330° E NWc SW SW Sec. 25 3N 7E.	Spar Mountain.....	3121'	10	G.L. 450'
Charles E. Booth.....	Bemis #1.....	330° S 330° W NEc SW Sec. 9 3N 8E.	Cypress.....	2672'	30	G.L. 421'
Basin Oil Development Company.....	Blair #1.....	360° N 330° W SEc SW Sec. 9 3N 8E.	Cypress.....	2673'	7	G.L. 422'
John D. Gordon & Everett M. Bangert.....	Paehler #1.....	1650° S 330° E NWc SW Sec. 17 3N 8E.	Aux Vases.....	3089'	40	G.L. 422'
Hanson Oil Company.....	Connor Community #1.....	298° S 330° E NWc SE Sec. 18 3N 8E.	Aux Vases.....	3055'	78	G.L. 426'
Basin Oil Development Company.....	Duff #1.....	330° N 330° E SWc NE Sec. 18 3N 8E.	Aux Vases.....	3035'	25	G.L. 430'
Basin Oil Development Company.....	R. E. Duff #1.....	330° N 330° E SWc NW Sec. 18 3N 8E.	Aux Vases.....	2961'	68	G.L. 424'
Earle B. Reynolds.....	Braden #1.....	160° S 110° E NWc NW NW Sec. 19 3N 8E.	Aux Vases.....	3070'	90	G.L. 424'
Hanson Oil Company.....	Brissenden Unit #1.....	725° N 230° E SWc NW NE Sec. 19 3N 8E.	Aux Vases.....	3021'	40	G.L. 441'
Estate of J. W. Rudy.....	Henderson #1.....	330° S 330° E NWc SE Sec. 19 3N 8E.	Aux Vases.....	3050'	30	G.L. 434'
Crystal H. Rudy, Executrix.....	Henderson #2.....	1964° S 330° E NWc SE Sec. 19 3N 8E.	Aux Vases.....	3007'	30	G.L. 447'
Crystal H. Rudy, Executrix.....	B. Hitchenson #1.....	330° S 330° W NEc SW Sec. 19 3N 8E.	Aux Vases.....	2906'	10	G.L. 457'
Samuel E. Boxell.....	R. Filson #1.....	330° S 330° W NEc SW Sec. 19 3N 8E.	Aux Vases.....	3016'	7	G.L. 437'
Basin Oil Development Company.....	Shafter Community #1.....	603° S 330° E NWc NW NW Sec. 19 3N 8E.	Aux Vases.....	3050'	40	G.L. 438'
Earle B. Reynolds.....	Shumaker-Tibbs Unit #1.....	1027° S 250° W NEc NE Sec. 19 3N 8E.	Aux Vases.....	3053'	45	G.L. 439'
Basin Oil Development Company.....	Smith Trial #1.....	430° N 630° W SEc SW NE Sec. 19 3N 8E.	McClusky.....	3043'	100	G.L. 432'
C. D. Reed & W. Rudy.....	Dunachie #1.....	572° N 325° E SWc NE Sec. 19 3N 8E.	Aux Vases.....	3047'	150	G.L. 412'
Estate of J. W. Rudy.....	Duff Community #1.....	330° S 990° W NEc SW NW Sec. 20 3N 8E.	Aux Vases.....	2905'	70	G.L. 442'
Cryol Oil Development Company.....	P. Hunley #1.....	330° S 1003° E NWc Sec. 20 3N 8E.	Aux Vases.....	3026'	15	G.L. 433'
Basin Oil Development Company.....	E. McIlvain #1.....	665° S 400° E NWc Sec. 20 3N 8E.	McClusky.....	3050'	120	G.L. 431'
Harry Mabry.....	Rosale Mount #1.....	330° N 330° E SWc NE SE Sec. 3 4N 5E.	Rosiclare.....	2623'	100	G.L. 430'
Hanson Oil Company.....	Sanders #1.....	330° N 330° W SEc NE Sec. 3 4N 5E.	Benoist.....	2432'	25	G.L. 517'
Texaco Inc.....	R. L. Harrell #2 (Tract 7).....	330° N 330° W SEc NW NE Sec. 34 4N 5E.	Aux Vases.....	2775'	7	G.L. 517'
Keystone Oil Company.....	Guy Bible "A" #3.....	330° S 330° E NWc SE Sec. 9 4N 7E.	McClusky.....	2775'	175	G.L. 539'
McCullum & Kincaid.....	Kidwell #B-3.....	330° N 330° W SEc Sec. 10 4N 7E.	Cypress.....	2649'	80	G.L. 477'
McCullum & Kincaid.....	Kidwell #B-4.....	330° S 330° W NEc SE Sec. 10 4N 7E.	Cypress.....	2602'	80	G.L. 459'
McCullum & Kincaid.....	Montoney #4.....	330° N 330° W SEc NE Sec. 10 4N 7E.	Cypress.....	2615'	76	G.L. 409'
Hanson Oil Company.....	Bible Community #1.....	330° N 330° W SEc NW SW Sec. 15 4N 7E.	Rosiclare.....	2620'	30	G.L. 472'
Frank M. Cooper, Jr.....	Cammon-Wilson Comm. #2.....	330° S 330° E NWc SW Sec. 15 4N 7E.	Rosiclare.....	2965'	100	G.L. 463'
Hanson Oil Company.....	Cliff Cammon "B" #1.....	330° S 635° E NWc SW Sec. 15 4N 7E.	Aux Vases.....	3006'	60	G.L. 408'
Hanson Oil Company.....	Cogswell-Cammon Comm. #1.....	330° N 330° W SEc SW Sec. 15 4N 7E.	Rosiclare.....	2970'	35	G.L. 453'
Hanson Oil Company.....	Wilbur Dillman #1.....	330° N 330° W SEc Sec. 15 4N 7E.	Rosiclare.....	2971'	175	D.F. 463'
Frank M. Cooper, Jr.....	Compher #1.....	330° S 330° E SWc SE Sec. 15 4N 7E.	Aux Vases.....	3007'	47	G.L. 461'
Hanson Oil Company.....	Holaday-Levitt Comm. #2.....	330° S 330° E NWc NE Sec. 21 4N 7E.	Rosiclare.....	3008'	18	G.L. 463'
Hanson Oil Company.....	W. L. Schnepfer #1.....	330° N 690° E SWc SE Sec. 21 4N 7E.	Rosiclare.....	2980'	35	G.L. 469'
Hanson Oil Company.....	Bettinger #1.....	330° S 330° W SEc SW NE Sec. 22 4N 7E.	Aux Vases.....	3032'	15	G.L. 466'
Joe A. Dull.....	Leo Dastin #1.....	330° N 330° W SEc SW Sec. 23 4N 7E.	McClusky.....	3027'	3027'	G.L. 452'
Lowell & Leon Hagen.....	Woodrow T. Franklin.....	330° N 690° E SWc Sec. 34 4N 7E.	McClusky.....	2995'	80	G.L. 448'
Woodrow T. Franklin.....	R. Franklin #1.....	330° N 330° E SWc SW Sec. 36 4N 7E.	Tar Springs.....	2232'	25	G.L. 437'
Lowell & Leon Hagen.....	L. Hagen #1.....	330° S 330° W SEc SE Sec. 36 4N 7E.	Tar Springs.....	2228'	6	G.L. 426'
				2220'	3	G.L. 434'

PRODUCING WELLS (Completed in 1964)—Continued

Name of operator	Name of well and number	Location	Formation	Total depth	Est. IP daily (bbls)	Elev.
CLAY COUNTY—Continued						
Alexander Zanetti	Kuentler #1	330°S 320°W NEc SW NE Sec. 2 4N 8E	Aux Vases	3001'	100	G.L. 473'
J. H. Smith	Moss #1	330°N 330°W SEc NE SE NW Sec. 22 5N 5E	Aux Vases	2471'	10	G.L. 496'
Shell Oil Company	Lee Moss "B" #1	330°S 336°W NEc SW SE Sec. 22 5N 3E	Aux Vases			
Hawk Oil Producers	Hamilton #1-A	330°N 330°W SEc SW Sec. 22 5N 5E	Benolite	2534'	6	D.F. 533'
Keystone Oil Company	Cartier #2	990°N 330°W SEc NW Sec. 24 5N 7E	Benolite	2130'	10	D.F. 537'
Keystone Oil Company	Cartier #3	330°N 350°W SEc NE NW Sec. 24 5N 7E	Cypress	2482'	6	G.L. 502'
A. W. Murphy	Knowles Comm. #1	330°N 330°E SWc NW SE Sec. 24 5N 7E	Cypress	2808'	20	G.L. 354'
M. C. Milam	Rosa Ifert #1	330°S 330°W NEc SE Sec. 31 5N 8E	Aux Vases	2566'	3	G.L. 507'
				3040'	30	G.L. 478'
CLINTON COUNTY						
Jet Oil Company	Coe Toedte #2	330°N 330°W SEc NE Sec. 20 1N 1W	Cypress	1275'	75	G.L. 457'
Jet Oil Company	Coe Eitel #1	990°N 990°W SEc NW Sec. 21 1N 1W	Cypress	1281'	35	G.L. 461'
Jet Oil Company	Coe Eitel #3	330°S 330°W NEc SW NW Sec. 21 1N 1W	Cypress	1286'	35	G.L. 463'
Jet Oil Company	Leaster Coe Eitel #6	330°S 330°E NWc SW NW Sec. 21 1N 1W	Weiler	1326'	30	G.L. 461'
Jet Oil Company	Leaster Coe Eitel #7	330°S 330°E SWc NW Sec. 21 1N 1W	Weiler	1276'	75	G.L. 459'
R. D. Ernest	R. J. Farrell #1	330°S 330°E NWc SW SE Sec. 6 1N 2W	Cypress	1091'	52	G.L. 441'
Odus Pattillo	Foppe #1	330°S 330°W NEc SE SW Sec. 6 1N 2W	Cypress	1083'	25	G.L. 435'
M. D. Burkett Oil Properties	Berry Community #1	330°S 330°W NEc SE SW Sec. 8 1N 2W	Cypress	1145'	106	G.L. 445'
M. D. Burkett Oil Properties	Berry Community #1-A	330°N 330°E SWc NE SW Sec. 8 1N 2W	Cypress	1288'	4	G.L. 445'
M. D. Burkett Oil Properties	Berry Community #2	330°N 330°E SWc NE SW Sec. 8 1N 2W	Cypress	1170'	48	G.L. 442'
M. D. Burkett Oil Properties	Berry Community #3	330°S 330°W NEc NE SW Sec. 8 1N 2W	Cypress	1180'	55	G.L. 444'
M. D. Burkett Oil Properties	Berry Community #4	330°S 330°E NWc NE SW Sec. 8 1N 2W	Cypress	1170'	134	G.L. 442'
M. D. Burkett Oil Properties	Brink Unit #1	330°S 330°E NWc SE SW Sec. 8 1N 2W	Cypress	1180'	55	G.L. 445'
N. A. Baldrige	Crocker #1	990°S 330°W NEc NW Sec. 8 1N 2W	Cypress	1299'	40	G.L. 448.5'
N. A. Baldrige	Crocker #2	990°S 330°W SEc SW Sec. 8 1N 2W	Cypress	1180'	40	G.L. 447'
N. A. Baldrige	Crocker #3	990°N 990°W NEc NW Sec. 8 1N 2W	Cypress	1190'	20	G.L. 446'
N. A. Baldrige	Crocker #4	990°N 990°W NEc NW Sec. 8 1N 2W	Cypress	1185'	15	G.L. 446'
N. A. Baldrige	Crocker #5	330°S 330°W NEc NW Sec. 8 1N 2W	Cypress	1192'	20	G.L. 447'
Illinois Lease Operating, Inc.	Edwin Twenbafel #4	330°S 330°E NWc SE Sec. 8 1N 2W	Cypress	1200'	84	G.L. 438'
Illinois Lease Operating, Inc.	Edwin Twenbafel #5	330°N 330°E SWc NW Sec. 8 1N 2W	Cypress	1200'	32	G.L. 442'
Illinois Lease Operating, Inc.	Twenbafel #6	330°S 330°W SEc NW Sec. 9 1N 2W	Cypress	1202'	10	G.L. 436'
Illinois Lease Operating, Inc.	Brink #3	330°S 990°E NWc SW Sec. 9 1N 2W	Cypress	1201'	10	G.L. 439'
Illinois Lease Operating, Inc.	Brinkman #1	990°N 990°W SEc NW Sec. 9 1N 2W	Cypress	1230'	10	G.L. 432'
Illinois Lease Operating, Inc.	Brinkman #2	330°S 330°W NEc SE Sec. 9 1N 2W	Cypress	1230'	1	G.L. 437'
Illinois Lease Operating, Inc.	Beckenkemper #1	330°S 330°W NEc SE Sec. 9 1N 2W	Sturian	2087'	5	G.L. 437'
F. & W. Oil Company	Gulick #6	330°S 330°E NWc SE Sec. 9 1N 2W	Cypress	1043'	5	G.L. 437'
H. M. Conroy	Detert #1-B	330°N 330°E NWc SE Sec. 2 2N 3W	Cypress	1091'	10	G.L. 460'
Henry Leeb						
Stewart Oil Company	Maben Wortman #1	330°S 330°W NEc SW Sec. 27 3N 1W	Devonian	2918'	40	G.L. 493'

Clyde H. Bassett.....	Wohlwend #7.....	330° S 330° W NEc SW NE Sec. 17 3N 2W.....	Benoist.....	1209'.....	3.....	G.L. 457'.....
Clyde H. Bassett.....	Wohlwend #8.....	330° N 330° E SWc NW NE Sec. 17 3N 2W.....	Benoist.....	1205'.....	4.....	G.L. 469'.....
O. G. Neler.....	Hughes Estate #1.....	330° N 330° E SEc Sec. 23 3N 3W.....	Benoist.....	1153'.....	8.....	G.L. 462'.....
John F. Dummil.....	Wrieter-Johnson #1.....	330° S 330° W NEc Sec. 26 3N 3W.....	Benoist.....	1146'.....	23.....	G.L. 456'.....
John F. Dummil.....	Wrieter-Johnson #2.....	330° S 330° W NEc Sec. 26 3N 3W.....	Benoist.....	1139'.....	17.....	G.L. 464'.....
John F. Dummil.....	Wrieter-Johnson #3.....	330° S 330° W NEc Sec. 26 3N 3W.....	Benoist.....	1150'.....	17.....	G.L. 457'.....
COLES COUNTY						
Bernard Marks.....	Miller #1.....	330° N 330° W SEc NE NE Sec. 11 1N 7E.....	Carper.....	3350'.....	8.....	G.L. 769'.....
Ashland Oil & Refining Co.....	Gray #3.....	418° N 36° E SWc NE Sec. 3 11N 7E.....	Aux Vases.....	2000'.....		G.L. 742'.....
Carl J. Wilson.....	J. G. Baker #3.....	330° S 330° E NWc SW NW Sec. 14 11N 7E.....	Rosiclare.....			
Carl J. Wilson.....	J. G. Baker #4.....	330° S 330° W NEc NW SE NW Sec. 14 11N 7E.....	Carper.....	3035'.....	30.....	G.L. 671'.....
Brand Oil Company.....	Bresce #4.....	330° N 330° W SEc NW SE SE Sec. 15 11N 7E.....	Carper.....	2985'.....	108.....	G.L. 675'.....
Lowell Redman.....	Andres #1.....	330° S 990° W NEc SE NE Sec. 22 11N 7E.....	Carper.....	3082'.....	76.....	G.L. 662'.....
Lowell Redman.....	Andres #2.....	330° S 330° W NEc SE NE Sec. 22 11N 7E.....	Carper.....	3125'.....	44.....	G.L. 671'.....
Casper Oil Company.....	Miller #2.....	330° N 330° W NEc NW NW Sec. 6 11N 8E.....	Carper.....	3120'.....	50.....	G.L. 670'.....
Ernest Zink.....	Winnett #1.....	330° N 330° W SEc Sec. 10 11N 10E.....	Penn.....	3087'.....	1.....	G.L. 771'.....
Schaefer Oil Company.....	Honnann #2.....	330° S 990° W NEc SW Sec. 11 12N 7E.....	Cypress.....	968'.....	Gas.....	G.L. 685'.....
Joe Blalack.....	Clarence Holmes #1.....	330° S 330° E NWc SW NW Sec. 12 12N 7E.....	Rosiclare.....	1967'.....	10.....	G.L. 707'.....
Joe Blalack.....	Clarence Holmes #2.....	330° N 330° E SWc NW Sec. 12 12N 7E.....	Cypress.....	1961'.....	1.....	G.L. 684'.....
E. C. Reeves.....	Stinson Community #1.....	602° S 281° E NWc SW NW Sec. 24 12N 7E.....	Rosiclare.....	1965'.....	1.....	G.L. 694'.....
Tom E. Grace.....	Uphoff #3-G.....	280° N 330° E SWc SE SW Sec. 24 12N 7E.....	Cypress.....	2014'.....	20.....	G.L. 713'.....
E. C. Reeves.....	Bareither Comm. #2.....	330° N 330° E SWc NE SE Sec. 26 12N 7E.....	Rosiclare.....	2011'.....	25.....	G.L. 716'.....
E. C. Reeves.....	Bareither Comm. #3.....	990° N 990° W SEc NE SE Sec. 26 12N 7E.....	Cypress.....	2007'.....	80.....	G.L. 739'.....
E. C. Reeves.....	Charles Bareither Comm. #4.....	990° N 330° W SEc NE SE Sec. 26 12N 7E.....	Rosiclare.....	2000'.....	150.....	G.L. 731'.....
E. C. Reeves.....	Bareither-Sparks Comm. #1.....	330° N 330° E SWc NW SE Sec. 26 12N 7E.....	Cypress.....	2017'.....	56.....	G.L. 738'.....
E. C. Reeves.....	Bareither-Sparks Comm. #2.....	330° N 990° W SEc NW SE Sec. 26 12N 7E.....	Aux Vases.....			
Schaefer Oil Company.....	Pinnell #2.....	330° S 330° E NWc SW SE Sec. 26 12N 7E.....	Rosiclare.....	1975'.....	50.....	G.L. 735'.....
Schaefer Oil Company.....	Pinnell #3.....	330° S 330° E NWc SW SE Sec. 26 12N 7E.....	Rosiclare.....	1995'.....	190.....	G.L. 735'.....
Schaefer Oil Company.....	Pinnell Unit #2.....	330° S 330° E NWc SE SE Sec. 26 12N 7E.....	Aux Vases.....	1997'.....	75.....	G.L. 742'.....
Humble Oil & Refining Company.....	Robert Pinnell #1.....	280° N 330° E SWc SW Sec. 26 12N 7E.....	Cypress.....	2005'.....	150.....	G.L. 745'.....
Schaefer Oil Company.....	Henry Uphoff #12.....	330° N 330° W SEc SW Sec. 26 12N 7E.....	Rosiclare.....	2015'.....	144.....	G.L. 744'.....
Humble Oil & Refining Company.....	Walker-Bareither Unit #1.....	330° N 330° E SWc SE NE Sec. 26 12N 7E.....	Cypress.....	1953'.....	56.....	G.L. 736'.....
Humble Oil & Refining Company.....	Arterburn #1.....	330° N 330° W SEc Sec. 27 12N 7E.....	Rosiclare.....	1975'.....	63.....	G.L. 738'.....
Schaefer Oil Company.....			Cypress.....	1987'.....	21.....	G.L. 728'.....
				1981'.....	120.....	G.L. 736'.....

PRODUCING WELLS (Completed in 1964)—Continued

Name of operator	Name of well and number	Location	Formation	Total depth	Est. IP daily (bbls)	Elev.
COLES COUNTY—Concluded						
Schaefer Oil Company.....	Arterburn #2.....	330°N 990°W SEc Sec. 27 12N 7E.....	Cypress	1981'	30	G.L. 736'
E. C. Reeves.....	Bernadine M. Craig #1.....	330°N 330°W SEc NE Sec. 27 12N 7E.....	Aux Vases.....	1980'	5	G.L. 724'
Ashland Oil & Refining Company.....	Ida Martin #5.....	330°N 330°W NEc Sec. 34 12N 7E.....	Cypress.....	2010'	144	G.L. 738 80'
Schaefer Oil Company.....	Robert-Finnell #2.....	330°S 330°E NWc Sec. 35 12N 7E.....	Cypress	1950'	95	G.L. 742'
Humble Oil & Refining Company.....	Henry Uphoff #11.....	330°S 330°E NWc NE Sec. 35 12N 7E.....	Roadclaire	2003'	15	G.L. 745'
Farrish Production Company.....	Grey #1.....	330°S 330°E NWc SW NW Sec. 36 12N 7E.....	Cypress	2092'	10	G.L. 768'
Duane V. Rappe.....	Hamilton #1.....	330°S 330°W NEc SE NE NE Sec. 10 13N 7E.....	Cypress	1861'	40	G.L. 659'
M. Mazzanich.....	Beckman #3.....	370°N 330°E SWc Sec. 35 14N 7E.....	Roadclaire	1804'	25	G.L. 644'
Rayburn Drilling Company.....	Harvey Washburn #1-R.....	330°S 490°E NWc SE SE Sec. 16 13N 14W.....	Penn.	425'	10	G.L. 686'
CRAWFORD COUNTY						
Harold Brinkley.....	R. O. Illyes #1-A.....	1650°S 1090°E NW SEc Sec. 5 5N 10W.....	Penn.	958'	Gas	G.L. 480'
Harold Brinkley.....	Kent #1-A.....	1717°N 1544°W SEc Location #79 Sec. 7 5N 10W.....	Penn.	965'	Gas	G.L. 463'
D. W. Franchot & Co.....	Alonzo Lindsey O-2.....	330°N 660°W SEc NE SE Sec. 16 5N 11W.....	Robinson.....	993'	1	G.L. 549'
D. W. Franchot & Co.....	J. W. Mann #36.....	330°N 330°W SEc SE SE Sec. 16 5N 11W.....	Robinson.....	971'	3	G.L. 524'
Tidewater Oil Company.....	A. L. Maxwell #1 Well #17.....	330°N 330°E SWc SE NW Sec. 6 5N 12W.....	Robinson-Bethel.....	1362'	15	G.L. 480 84'
Tidewater Oil Company.....	Orville Emmons #1-B.....	330°N 660°E SWc SE SE Sec. 10 5N 12W.....	Robinson.....	1046'	2	G.L. 583 4'
Stewart A. Boyer.....	R. Haskins Heirs #1-A.....	330°N 330°E NWc NE SW Sec. 18 5N 12W.....	Cypress.....	1523'	45	G.L. 495 5'
Clarence Catt, Jr.....	D. A. Reaville #11-A.....	330°S 330°E NWc SW Sec. 1 5N 13W.....	Robinson.....	1030'		G.L. 447'
Oil & Gas Drillers & Producers, Inc.....	M. A. Dolan #1.....	330°N 330°E SWc SE NE Sec. 31 6N 11W.....	Penn.	940'	40	G.L. 538'
Hardy, Van Alst & Nofke.....	Mills-Bailey Community #1.....	330°N 330°E SWc SE NE Sec. 6 6N 12W.....	Robinson.....	1517'	12	G.L. 529'
Dillman, Tyhurst & Bertram.....	Frank Bussard #14.....	26°S 674°W NEc SE NW Sec. 21 6N 12W.....	Robinson.....	967'	30	G.L. 477'
Mt. Carmel Drilling Company.....	George C. Mohler #9-A.....	748°S 200°W NEc SE NW Sec. 22 6N 12W.....	Robinson.....	1078'		G.L. 537'
Mt. Carmel Drilling Company.....	George C. Mohler #23.....	1017°S 712°E NWc SW Sec. 22 6N 12W.....	Robinson.....	1016'		G.L. 524'
Albert E. McFall.....	Garrard-Buzzard Comm. #1.....	280°N 330°E NWc NE SE Sec. 28 6N 12W.....	Robinson.....	1041'	3	G.L. 556'
Marathon Oil Company.....	D. P. Heck #18.....	330°N 330°W SEc Sec. 6 6N 13W.....	Robinson.....	987'		G.L. 489'
Marathon Oil Company.....	D. P. Heck #19.....	330°N 330°W SEc SE Sec. 6 6N 13W.....	Robinson.....	980'	25	G.L. 470'
Marathon Oil Company.....	M. Shits #14.....	330°S 410°E NWc SE SE Sec. 7 6N 13W.....	Robinson.....	1007'		G.L. 479'
Marathon Oil Company.....	M. Shits #15.....	330°S 410°E NWc SE SE Sec. 7 6N 13W.....	Robinson.....	1006'		G.L. 479'
Marathon Oil Company.....	M. Shits #17.....	330°S 920°E NWc SE SE Sec. 7 6N 13W.....	Robinson.....	884'	2	G.L. 479'
Marathon Oil Company.....	M. Shits #18.....	330°S 920°E NWc SE SE Sec. 7 6N 13W.....	Robinson.....	885'		G.L. 479'
Marathon Oil Company.....	C. Wekenman #22.....	330°S 330°W NEc Sec. 6N 13W.....	Robinson.....	1045'		G.L. 481'
Marathon Oil Company.....	C. Wekenman #25.....	330°S 330°W NEc SE Sec. 7 6N 13W.....	Robinson.....	1045'		G.L. 481'
Marathon Oil Company.....	C. Wekenman #20.....	990°S 990°E NWc Sec. 8 6N 13W.....	Robinson.....	1000'		G.L. 464'

PRODUCING WELLS (Completed in 1964)—Continued

Name of operator	Name of well and number	Location	Formation	Total depth	Est. IP daily (bbls)	Elev.
DEWITT COUNTY						
E. H. Kaufman.....	L. Beazly #1.....	990'N 990'E SWc NE SW Sec. 2 20N 4E.....	Sonora.....	1192'	4	G.L. 729'
E. H. Kaufman.....	Headlee #1.....	330'S 330'W NEc Sec. 2 20N 4E.....	Sonora.....	699'	1	G.L. 733'
Richard Courson.....	Seifert #1.....	330'S 330'W NEc Sec. 2 20N 4E.....	Sonora.....	696'	2	G.L. 743'
R. F. Anderson & Paul Farmer.....	E. G. Fruin, Trustee #1.....	330'S 990'W NEc Sec. 3 20N 4E.....	Osage.....	704'	1	G.L. 744'
E. H. Kaufman.....	Clyde Warren #1.....	330'S 330'W NEc SE SW NE Sec. 3 20N 4E.....	Sonora.....	706'		G.L. 746'
Lloyd A. Harris.....	Cora E. Ryan #3-A.....	330'S 330'W NEc Sec. 20 21N 4E.....	Silurian.....	1137'	110	G.L. 801'
E. H. Kaufman.....	Seifert #1.....	330'S 330'W NEc SE SW Sec. 34 21N 4E.....	Sonora.....	714'		G.L. 749'
E. H. Kaufman.....	Warren #1.....	330'S 330'W NEc SE SW Sec. 34 21N 4E.....	Sonora.....	1955'	7	G.L. 753'
E. H. Kaufman.....	A. W. Bell #1.....	330'S 330'E NWc SE Sec. 31 21N 4E.....	Sonora.....	707'	2	G.L. 746'
E. H. Kaufman.....	Durbin-Walsh Community #1.....	330'S 990'W SEc Sec. 36 21N 4E.....	Devonian.....	1956'	2	G.L. 718'
E. H. Kaufman.....	Grady #1.....	330'S 330'W NEc SE SW Sec. 36 21N 4E.....	Devonian.....	1971'	5	G.L. 726'
E. H. Kaufman.....	Sprague Community #1.....	990'N 330'E SWc Sec. 31 21N 5E.....	Sonora.....	859'	1	G.L. 725'
EDGAR COUNTY						
Odus S. Pattillo.....	Carl Waller #1.....	330'N 380'W SEc SW SE NE Sec. 4 13N 13W.....	Penn.....	434'	40	G.L. 690'
Odus S. Pattillo.....	Carl Waller #2.....	330'N 330'W SEc SW NE Sec. 4 13N 13W.....	Penn.....	427'	35	G.L. 687'
EDWARDS COUNTY						
M. V. Ring.....	Quigley #1.....	330'S 330'E NWc NW Sec. 1 1N 10E.....	McClosky.....	3240'	25	G.L. 471'
Alco Oil & Gas Corporation.....	A. M. Stover #2.....	330'S 330'W NEc NW NE Sec. 31 2N 10E.....	McClosky.....	3290'	33	G.L. 408'
M. V. Ring.....	C. Fritchley #1.....	330'N 330'W SEc Sec. 38 2N 10E.....	McClosky.....	3233'		G.L. 465'
M. V. Ring.....	R. F. Johnson #1.....	330'N 330'W SEc Sec. 38 2N 10E.....	McClosky.....	3245'	33	G.L. 468'
M. V. Ring.....	R. F. Johnson #2.....	330'S 660'E NWc SW Sec. 36 2N 10E.....	McClosky.....	3236'	70	G.L. 472'
John M. Zanetis.....	Kenneth Keller #1.....	330'S 330'E NWc Sec. 36 2N 10E.....	McClosky.....	3275'	10	G.L. 464'
Collins Brothers Oil Co.....	Erwin Michels #1.....	330'S 330'W NEc SW NE Sec. 8 1S 10E.....	McClosky.....	3394'	1	G.L. 419'
Noel Everett.....	Goodson #2.....	330'S 330'W SEc NW SE Sec. 25 2S 10E.....	Aux Vases.....	3274'	4	G.L. 515'
The Superior Oil Company.....	T. J. Wick #3.....	330'S 330'W NEc SE Sec. 25 2S 10E.....	Biehl.....			
The Superior Oil Company						
Noel Everett.....	T. J. Wick #4.....	330'S 360'E NWc NE SE Sec. 25 2S 10E.....	Upper Tar Springs.....	2900'	18	G.L. 516'
Noel Everett.....	Noel Everett #3.....	330'S 330'E NWc SE NE Sec. 29 2S 10E.....	Tar Springs.....	2524'	192	G.L. 537'
The Superior Oil Company.....	T. J. Wick Etal #5.....	330'S 187'E NWc NE SW Sec. 30 2S 11E.....	McClosky.....	3334'	40	G.L. 379'
Taproot Petroleum, Inc.....	J. Schroeder #1.....	330'S 660'E NWc SE NE Sec. 27 2S 14W.....	Waltersburg.....	2445'	2	G.L. 475'
Geo. H. Wickham.....	Mary Schroeder #5.....	330'N 400'W SEc NE SW Sec. 26 2S 14W.....	Cypress.....	2952'	25	D.F. 412'
Geo. H. Wickham.....	Mary Schroeder #6.....	330'N 400'W SEc NE SW Sec. 26 2S 14W.....	Waltersburg.....	2655'	16	G.L. 405'
Geo. H. Wickham.....	Mary Schroeder #6.....	330'S 330'E NWc SE SE Sec. 27 2S 14W.....	Waltersburg.....	2182'	20	G.L. 390'
Texaco Inc.....	Carroll Tait #1.....	330'S 660'E NWc SW NW Sec. 5 3S 10E.....	Waltersburg.....	2196'	14	G.L. 407'
C. E. Brehm Drilling & Producing.....	Michels #1.....	295'S 330'E NWc SW SE Sec. 11 3S 10E.....	Biehl.....	5440'	39	D.F. 423'
				2071'		D.F. 544'

PRODUCING WELLS (Completed in 1964)—Continued

Name of operator	Name of well and number	Location	Formation	Total depth	Est. IP daily (bbbls)	Elev.
FAYETTE COUNTY—Concluded						
A. L. Hermann.....	H. E. Lilly #22.....	375°S 375°E NWc SE Sec. 16 8N 3E.....	Paint Creek Benoist.....	1610'	---	G.L. 617'
Humble Oil & Refining Co.....	Emily Wood #4.....	330°N 330°W SEc NE SE Sec. 16 8N 3E.....	Weiler Bethel.....	1635'	56	D.F. 651'
Humble Oil & Refining Co.....	Emily Wood #7.....	330°S 330°E NWc NE SE Sec. 16 8N 3E.....	Weiler Bethel.....	1607'	40	G.L. 628'
Humble Oil & Refining Co.....	Wright School Land #1.....	48°N 150°E SWc SE SE Sec. 16 8N 3E.....	Bethel.....	1635'	3	G.L. 693'
Humble Oil & Refining Co.....	J. B. Drees #12.....	399°N 330°W SEc NE NW Sec. 22 8N 3E.....	Aux Vases.....	1606'	60	G.L. 591'
W. L. Belden.....	Oliver #4.....	330°S 490°W NEc SW SE Sec. 24 8N 3E.....	Cypress.....	1571'	14	G.L. 613'
Charles Wood.....	Hudson-Woods #6.....	500°S 630°E NWc NE SE Sec. 26 8N 3E.....	Aux Vases.....	2689'	50	G.L. 423'
FRANKLIN COUNTY						
Kewanee Oil Company.....	Plains #18.....	330°S 330°E NWc SW NW Sec. 12 5S 2E.....	McClosky.....	2874'	15	G.L. 398'
N. A. Baldrige.....	U. S. Steel #1.....	330°N 330°W SEc SW Sec. 14 5S 2E.....	Aux Vases.....	2775'	10	K.B. 395'
Braden Whittington.....	U. S. Steel #2.....	456°N 498°W SEc Sec. 19 5S 3E.....	Cypress.....	2498'	144	G.L. 444'
Braden Whittington.....	U. S. Steel #3.....	365°N 330°E SWc SE SE Sec. 19 5S 3E.....	Hardinsburg.....	2512'	16	G.L. 445'
Will I. Lewis.....	H. Moore #4.....	520°N 330°E SWc SE SW Sec. 20 5S 3E.....	Hardinsburg.....	2553'	22	G.L. 459'
Will I. Lewis.....	Paul Whittington #5.....	330°N 330°E SWc Sec. 20 5S 3E.....	Cypress.....	2550'	30	G.L. 457'
E. E. Rehn.....	Rehn-Burlington Comm. #1-F.....	330°N 330°W SEc NW NE Sec. 25 6S 1E.....	Aux Vases.....	2675'	30	G.L. 417.13'
E. E. Rehn.....	Wesley Rea #1.....	542°N 325°E SWc NE Sec. 8 6S 2E.....	Aux Vases.....	2853'	30	G.L. 462'
E. E. Rehn.....	Rea #5.....	415°S 315°W NEc SW Sec. 8 6S 2E.....	Aux Vases.....	2744'	16	G.L. 442.87'
R.K.P. Troicum Corporation.....	Freeman #2.....	300°N 365°E SWc NE SW Sec. 31 6S 3E.....	Aux Vases.....	2750'	6	G.L. 402'
A. B. Vaughn.....	Bacon #1.....	330°S 330°E NWc SE Sec. 1 7S 1E.....	Aux Vases.....	2707'	240	G.L. 387.8'
A. B. Vaughn.....	Bacon-Mitchell #1.....	330°N 330°E SWc NW NE Sec. 1 7S 1E.....	Aux Vases.....	2707'	125	G.L. 408'
A. B. Vaughn.....	Hoey #1.....	330°N 330°E SWc NE SW Sec. 1 7S 1E.....	Aux Vases..... O'Hara.....	2780'	5	G.L. 405'
Victor R. Gallagher.....	Zeigler Coal & Coke #1.....	330°N 330°W SEc NE Sec. 13 7S 1E.....	Aux Vases.....	2697'	32	D.F. 414'
Victor R. Gallagher.....	Zeigler Coal & Coke.....	330°N 330°E SWc SE NE Sec. 13 7S 1E.....	Aux Vases.....	2697'	53	G.L. 425'
Victor R. Gallagher.....	Zeigler Coal & Coke.....	330°N 330°W SEc SW NE Sec. 13 7S 1E.....	Aux Vases.....	2696'	50	D.F. 426'
Victor R. Gallagher.....	Zeigler Coal & Coke.....	330°S 330°E NWc NE SE Sec. 13 7S 1E.....	Aux Vases.....	2694'	35	D.F. 423'

PRODUCING WELLS (Completed in 1964)—Continued

Name of operator	Name of well and number	Location	Formation	Total depth	Est. IP daily (bbls)	Elev.
GALLATIN COUNTY—Concluded						
Thomas A. Mitchell Drilling Co.	Nellie Monroe #1	330°/S 330°/W NEc SW Sec. 21 7S 10E	Cypress	2500'	20	G.L. 354'
Asphalt Oil & Refining Co.	Lula Egli #3	332°/S 810°/W NWc Sec. 29 7S 10E	Tar Springs	2174'	175	G.L. 364'
Farrar Oil Company	E. H. Busiek B-2	330°/S 330°/W NEc NW SW Sec. 34 7S 10E	Aux Vases	2801'	60	G.L. 346'
UDIC Inc.	C. J. Maloney #2	330°/S 330°/W SWc NE NE Sec. 14 8S 9E	Cypress	2508'	8	G.L. 378'
UDIC Inc.	Maloney #3	330°/S 330°/W SEC NE NE Sec. 14 8S 9E	Upper Cypress	2491'	6	G.L. 375'
E. G. Welker	Egyptian Tie & Timber #1-A	350°/S 330°/E NWc NE SW Sec. 15 8S 10E	Cypress	2443'	96	G.L. 347, 5'
Humble Oil & Refining Co.	West Unit #93	389°/N 330°/W SEC NW NW Sec. 15 8S 10E	Tar Springs	2206'	25	G.L. 340'
Russell Pursley	Egyptian Tie & Timber Co. (Leach) #1	330°/N 330°/W SEC SW Sec. 16 8S 10E	Cypress	2440'	15	G.L. 349, 3'
National Petroleum Investment Co.	Leach-Fuhrer #2	330°/N 330°/W SEC SW NW Sec. 21 8S 10E	Waltersburg	2054'	74	G.L. 352'
National Petroleum Investment Co.	Leach #2-A	330°/S 330°/E NWc SE NW Sec. 21 8S 10E	Waltersburg	2057'	35	G.L. 345'
National Petroleum Investment Co.	Leach #2-B	330°/S 330°/W NEc NE SW NW Sec. 21 8S 10E	Waltersburg	2052'	40	G.L. 353'
HAMILTON COUNTY						
Fear & Duncan	Minnie O'Dell #2	330°/N 330°/W SEC NW NW Sec. 16 4S 7E	Renault	3440'	91	G.L. 378'
Walter Duncan	Minnie O'Dell #3	330°/S 330°/W NEc SW NW Sec. 16 4S 7E	Renault	3310'	6	G.L. 378'
Collins Brothers Oil Co.	Elmer Woodrow #1	330°/N 330°/E SWc NW NW Sec. 28 4S 7E	Renault	3450'	20	G.L. 457'
John W. Tucker	Tucker #1	330°/N 330°/W SEC NE NE Sec. 24 6S 5E	Aux Vases	2850'	150	G.L. 446'
Stewart Oil Company	Hutson #2	330°/N 330°/W SEC SW Sec. 28 6S 5E	Aux Vases	3310'	20	G.L. 576'
N. A. Baldrige	Pittman #1	330°/N 330°/W SEC NW NW Sec. 3 6S 6E	Aux Vases	3240'	---	G.L. 430'
Continental Oil Company	K. Endicott #1	330°/N 330°/E SWc NW NW Sec. 16 6S 6E	McClosky O'Hara	---	---	---
N. A. Baldrige	Merrell Allen #2	330°/N 330°/W SEC NE SW Sec. 18 6S 6E	Aux Vases	3278'	50	G.L. 397'
Texaco Inc.	H. Brockert #4	350°/N 330°/E SWc NW SE Sec. 18 6S 6E	Aux Vases	3250'	35	G.L. 409'
Texaco Inc.	C. Vaughn NCT-1-#4	330°/S 330°/E NWc SW SE Sec. 18 6S 6E	Cypress	2598'	125	G.L. 380'
Texaco Inc.	J. Johnson #1 (Tract 2)	330°/N 330°/W SEC SW Sec. 26 6S 6E	Tar Springs	3397'	166	G.L. 388'
Texaco Inc.	H. H. Phillips #3 Tract 33	660°/S 330°/W NEc NW SW Sec. 26 6S 6E	Aux Vases	3135'	2	G.L. 381'
Texaco Inc.	R. Hall #3 Tract 7	679°/S 330°/E NWc NW SW Sec. 26 6S 6E	Aux Vases	3147'	156	G.L. 376'
Chris Pearson	Johnson #2	330°/S 330°/E NWc NE SE Sec. 28 6S 6E	Aux Vases	3180'	15	G.L. 385'
Sail Oil Company, Inc.	Cotter #1	330°/S 330°/E NWc SE NE Sec. 33 6S 6E	Aux Vases	3148'	2	G.L. 391'
Texaco Inc.	S. Rhoads #1	330°/S 330°/W NEc SW NW Sec. 34 6S 6E	Aux Vases	3375'	40	G.L. 487'
Texaco Inc.	J. A. Irvin "A" #3, Tract 5	360°/N 330°/E SWc NE Sec. 35 6S 6E	Aux Vases	3170'	31	D.F. 399'
				3190'	---	D.F. 422'

JASPER COUNTY

Estate of J. W. Rudy.....	330° S 330° W N E c SW Sec. 1, 5 N 10 E.....	McClusky.....	2877'.....	15	G. L. 477'.....
John M. Zanetti.....	Dunforth-Cailey Community #1.....	Rosciare.....	2842'.....	2	G. L. 492'.....
John M. Zanetti.....	D. Millman #1.....	McClusky.....	2893'.....	50	G. L. 475'.....
John M. Zanetti.....	O. J. Millman D-1.....	McClusky.....	2885'.....	15	G. L. 466'.....
Charles H. Valbert.....	C. H. & L. W. Valbert #1.....	McClusky.....	2852'.....	8	G. L. 460'.....
John M. Zanetti.....	Wade-Remmer Consolidated #1.....	McClusky.....	2926'.....	50	G. L. 454'.....
Ralph H. Edwards.....	Anna Kerner #2.....	McClusky.....	2907'.....	40	G. L. 480, 7'.....
The Pure Oil Company.....	George Kistner #5.....	McClusky.....	2846'.....	60	G. L. 508'.....
The Pure Oil Company.....	J. Frohning #7.....	Salem.....	3389'.....	12	G. L. 507'.....
M. B. Heady.....	Adam Reiser #1.....	McClusky.....	2750'.....	75	G. L. 497'.....
Tri-Apco, Inc.....	Dhom Heirs #A-1.....	McClusky.....	2989'.....	100	G. L. 494'.....
Hill Production Company.....	Josephine Tilley Etal #1.....	McClusky.....	2750'.....	51	G. L. 523'.....
Peake Petroleum Company.....	M. Mendenhall #1.....	McClusky.....	4200'.....	12	G. L. 568'.....
	L. P. Winter #1.....	McClusky.....	2715'.....	5	G. L. 558'.....
JEFFERSON COUNTY					
Texaco Inc.....	M. E. Hunt #1 Tract S.....	McClusky.....	3187'.....		G. L. 569'.....
E. Homer Jahn.....	L. Minor #2.....	McClusky.....			
E. Homer Jahn.....	Lillie Minor #2.....	St. Louis.....	2920'.....	2	G. L. 511'.....
Burrell G. Minor.....	Laura M. Harris #1.....	Salem.....	3209'.....	2	G. L. 511'.....
Burrell G. Minor.....	Howard Minor Community #1.....	McClusky.....	2835'.....	8	G. L. 571'.....
John F. Durnall.....	Oscar Pierce #2.....	McClusky.....	3227'.....	1	G. L. 601'.....
Burrell G. Minor.....	Burrell G. Minor Etal #3.....	Salem.....	2839'.....	50	G. L. 461'.....
Exploration & Development, Inc.....	Wilson #1.....	McClusky.....	3067'.....	113	G. L. 453'.....
Exploration & Development, Inc.....	Wilson #2.....	Aux Vases.....	2632'.....	33	G. L. 462'.....
Eason Oil Company.....	J. T. Henry #3.....	Salem.....			G. L. 460'.....
		McClusky.....	4000'.....	20	G. L. 495'.....
Farrar Oil Company.....	Peuple Heirs #1.....	Aux Vases.....	3010'.....	43	G. L. 517'.....
Exploration & Development, Inc.....	Breeze-Hughes #1.....	Aux Vases.....	3034'.....	61	G. L. 460'.....
H Double L Oil Development.....	W. L. Glass #1.....	McClusky.....	3005'.....	2	G. L. 513'.....
Edward J. Klockenkemper.....	Lillian Z. Atwood #1.....	Aux Vases.....			
		O'Hara.....	2904'.....	92	G. L. 446'.....
Farrar Oil Company.....	Carlson #1.....	Aux Vases.....	2835'.....	80	G. L. 462'.....
Texaco Inc.....	State Game Preserve "B" NCT-1-38.....	Aux Vases.....	2900'.....	22	G. L. 441'.....
	Reno #1.....	O'Hara.....	2776'.....	125	G. L. 454'.....
Farrar Oil Company.....	Willmore Heirs #1.....	Aux Vases.....	2890'.....	3	D.F. 506'.....
Eber McEndree.....		Aux Vases.....			
LAWRENCE COUNTY					
Joe Simpkins.....	Arthur Akin #1.....	Paint Creek.....	1885'.....	8	K.B. 457'.....
Joe Simpkins.....	Arthur Akin #2.....	Paint Creek.....	1885'.....	8	K.B. 465'.....
Edwin L. Whitner.....	W. K. & C. Buchanan #1.....	Cypress.....	1836, 5'.....	15	G. L. 422'.....
Joe Simpkins.....	Tuston #1.....	Cypress.....	1855'.....		K.B. 424'.....

PRODUCING WELLS (Completed in 1964)—Continued

Name of operator	Name of well and number	Location	Formation	Total depth	Est. IP daily (bbls)	Elev.
LAWRENCE COUNTY—Continued						
Joe Simpkins.....	Florence Waller #1A.....	330°S 330°E NWc SE SE Sec. 6 2N 11W.....	Paint Creek.....	1850'	10	K.B. 415'
Payne Brothers.....	Grace Hopkins #2.....	350°N 330°W SEc NW NE Sec. 16 2N 11W.....	Buchanan.....	1307'	4	G.L. 407'
Clarence Catt, Jr.....	V. A. Deckard #2.....	495°N 330°W SEc SE Sec. 29 2N 11W.....	Benoist.....	1891'	4	G.L. 417'
John Bledsoe, Jr.....	W. K. & Clement Buchanan #3.....	330°S 330°E NWc SE Sec. 1 2N 12W.....	Bridgeport.....	1820'	40	G.L. 453'
R. A. Harris.....	Gray & Fee #6.....	990°S 330°W NWc NW NE Sec. 1 2N 12W.....	Cypress.....			
			Paint Creek.....			
			Benoist.....	1830'	35	G.L. 438'
Francis L. Beard.....	Grover C. Jenner #12.....	370°S 990°E NWc NW NW Sec. 1 2N 12W.....	Benoist.....			
			Aux Vases.....	1813'	18	G.L. 465'
Pedgett & Brinkley.....	Leighty Heirs #1.....	330°N 330°E NWc SE NE Sec. 3 2N 12W.....	Bridgeport.....	994'	3	G.L. 469'
Charles E. Carr.....	A. B. Buchanan #20.....	660°S 330°W NWc NW Sec. 11 2N 12W.....	Bridgeport.....	1954'	30	G.L. 435'
Charles E. Carr.....	William Gillespie #10.....	330°S 330°W NWc SW NW Sec. 11 2N 12W.....	Bridgeport.....	1786'	20	D.F. 414'
Charles E. Carr.....	Augustus Knight #7.....	330°S 330°E NWc NE Sec. 11 2N 12W.....	Bridgeport.....	968'	7	G.L. 449'
Stolz & Holt Drilling Company.....	John M. Stephenson Etal #2.....	330°N 330°W SEc NE Sec. 24 2N 12W.....	Cypress.....	1769'	5	G.L. 407'
Gary Tussey.....	J. W. Seibert Etal #1-A.....	450°S 330°E NWc SE Sec. 25 2N 12W.....	Biehli.....	1416'		G.L. 420'
Edwin L. Whitmer.....	Deatur Investment #2.....	660°N 660°W SEc NE Sec. 23 3N 11W.....	McClosky.....	1902'	42	G.L. 409'
David F. Phillips.....	Sam Biehli #1-B.....	330°S 330°E NWc SEc SW Sec. 28 3N 11W.....	McClosky.....	1882'	38	G.L. 430'
Edward C. Steekler.....	Sam Biehli #2-B.....	330°S 330°E NWc Loc. 2 Sec. 28 3N 11W.....	McClosky.....			
	Wayne Heirs #4.....	1432°N 1327°W SEc Loc. 1 Sec. 28 3N 11W.....	Rosclaire.....	1893'	15	G.L. 437'
H. M. Oil Company.....	Green-Dining Community #1.....	330°S 330°W NWc NW SW Sec. 33 3N 11W.....	Rosclaire.....	1941'	45	G.L. 461'
Kenneth E. Musgrove.....	Dining-Tredway Community #2.....	330°N 330°W SEc SW NE Sec. 33 3N 11W.....	Rosclaire.....	1915'	20	G.L. 418, 6'
K. E. Musgrove Oil Co.....	Noble L. Hall.....	330°N 330°E NWc NW Sec. 33 3N 11W.....	Rosclaire.....	1935'	20	G.L. 404'
Ralph L. Baker.....	McNew Etal Community #1.....	330°S 330°W NWc SE Sec. 3 3N 12W.....	McClosky.....	1905'	4	G.L. 421'
Marathon Oil Company.....	Phillip Moore #27.....	954°S 330°E NWc SW Sec. 4 3N 12W.....	Cypress.....	1700'	24	G.L. 468'
Marathon Oil Company.....	Phillip Moore #28.....	1048°N 334°E NWc Sec. 4 3N 12W.....	Paint Creek.....	1605'	76	G.L. 492'
Marathon Oil Company.....	Lawrence County Infirmary #22.....	660°N 150°W SEc SW NW Sec. 4 3N 12W.....	Paint Creek.....	1623'	19	G.L. 491'
Marathon Oil Company.....	S. N. Cooper a/c 1 #65.....	1035°S 660°W NWc NW Sec. 5 3N 12W.....	Kirkwood.....	1658'	20	G.L. 482'
Marathon Oil Company.....	S. M. Esbelman #26.....	303°S 660°W NWc NW NE Sec. 5 3N 12W.....	Kirkwood.....	1536'	20	G.L. 468'
Marathon Oil Company.....	S. Newell #30.....	1024°N 631°E SEc SW Sec. 5 3N 12W.....	Paint Creek.....	1510'	20	G.L. 474'
Marathon Oil Company.....	S. Newell #32.....	451°N 700°W SEc SW Sec. 5 3N 12W.....	Kirkwood.....	1535'	15	G.L. 460'
Marathon Oil Company.....	W. E. Robins A/C 1 #66.....	360°S 330°E NWc SE Sec. 5 3N 12W.....	Kirkwood.....	1548'	100	G.L. 461'
Marathon Oil Company.....	W. E. Robins A/C 1 #67.....	1000°S 330°E NWc SE Sec. 5 3N 12W.....	Paint Creek.....	1562'	20	G.L. 498'
Marathon Oil Company.....			Kirkwood.....	1560'	75	G.L. 489'
			Paint Creek.....			

Charles E. Carr.....	Raymond Cooper #3.....	330°N 495°W SEc SW Sec. 6 3N 12W.....	Cypress.....	1680'	G.L. 530'
Charles E. Carr.....	Raymond Cooper #4.....	330°N 660°W SEc SW Sec. 6 3N 12W.....	Cypress.....	220	G.L. 512'
Marathon Oil Company.....	J. R. King A/C 1 #62.....	330°N 652°W SEc Sec. 6 3N 12W.....	Paint Creek.....	1734'	
J. P. Gaines.....	Lewis Community #1.....	200°S 355°E NWc NE SEc Sec. 8 3N 12W.....	Benoist.....	1808'	G.L. 531'
J. P. Gaines.....	Gerald Jones Community #1.....	480°S 190°E NWc NE SEc Sec. 8 3N 12W.....	Kirkwood.....	1530'	G.L. 449'
A. W. Rea.....	Tate Eisd Community #1.....	330°N 405°E SWc NE Sec. 13 3N 12W.....	McCluskey.....	1495'	G.L. 447'
Marathon Oil Company.....	S. L. Gray #19 (Smith-Gray Unit).....	990°S 820°W NEc SEc Sec. 14 3N 12W.....	Kirkwood.....	1851'	G.L. 430'
Marathon Oil Company.....	S. L. Gray #20.....	990°N 660°E SWc SE Sec. 14 3N 12W.....	Paint Creek.....	1700'	G.L. 427'
Marathon Oil Company.....	S. L. Gray #21.....	330°N 660°E SWc SE Sec. 14 3N 12W.....	Kirkwood.....	1683'	G.L. 422'
John M. Zanetis.....	Carlson #7.....	330°N 370°W SEc SW NE Sec. 15 3N 12W.....	Paint Creek.....	1705'	G.L. 426'
John M. Zanetis.....	Carlson #8.....	1030°N 330°W SEc SW NE Sec. 15 3N 12W.....	Cypress.....	1788'	G.L. 426'
Marathon Oil Company.....	Lydia Seed #20.....	330°N 660°E SWc NW SW Sec. 15 3N 12W.....	McCluskey.....	1787'	G.L. 426'
Bridgeport Drilling Co., Inc.....	R. Brashear #1.....	330°S 330°E NWc NE SW Sec. 22 3N 12W.....	Kirkwood.....	1855'	G.L. 467'
Bridgeport Drilling Co., Inc.....	R. Brashear #2.....	330°S 330°W NEc NE SW Sec. 22 3N 12W.....	Rosclaire.....	1789'	G.L. 467'
Bridgeport Drilling Co., Inc.....	Brashear-Gillespie #4.....	330°N 330°E SWc SE SW Sec. 22 3N 12W.....	Cypress.....	2154'	G.L. 475'
Marathon Oil Company.....	Wm. Seed A/C 1 #41.....	330°S 660°E NWc SW NW Sec. 22 3N 12W.....	Rosclaire.....	1840'	G.L. 510'
Marathon Oil Company.....	T. P. Gillespie #61.....	330°S 990°W NEc NW Sec. 23 3N 12W.....	Kirkwood.....	1833'	G.L. 453'
Marathon Oil Company.....	T. P. Gillespie #65.....	990°N 990°E SWc NW Sec. 23 3N 12W.....	Paint Creek.....	1730'	G.L. 462'
Marathon Oil Company.....	G. L. Ryan A/C 1 #26.....	990°N 668°E SWc SE NE Sec. 23 3N 12W.....	Kirkwood.....	1740'	G.L. 462'
Marathon Oil Company.....	G. L. Ryan A/C 1 #27.....	990°S 668°E NWc NE NE Sec. 23 3N 12W.....	Kirkwood.....	1803'	G.L. 433'
Marathon Oil Company.....	G. L. Ryan A/C 1 #28.....	330°S 668°E NWc NE NE Sec. 23 3N 12W.....	Kirkwood.....	1703'	G.L. 431'
Marathon Oil Company.....	G. L. Ryan A/C 1 #29.....	330°N 668°E SWc NE NE Sec. 23 3N 12W.....	Kirkwood.....	1707'	G.L. 431'
Wayne Smith.....	Ruth Hayward #45 EP.....	400°N 990°E SWc NW Sec. 25 3N 12W.....	Cypress.....	1707'	G.L. 439'
Wayne Smith.....	Ruth Hayward #55 DP.....	330°S 330°E NWc SE NW Sec. 25 3N 12W.....	Benoist.....	1739'	G.L. 457'
Wayne Smith.....	George Leighty #4-BP.....	610°N 610°E SWc NW NW Sec. 25 3N 12W.....	Benoist.....	1745'	G.L. 481'
Wayne Smith.....	George Leighty #35-CP.....	390°N 280°E SWc NW NW Sec. 25 3N 12W.....	Benoist.....	1870'	G.L. 499'
Wayne Smith.....	George Leighty #45-CP.....	350°N 350°W SEc NE NW Sec. 25 3N 12W.....	Benoist.....	1724'	G.L. 491'
Marathon Oil Company.....	A. Vandermark #35.....	430°S 990°E NWc SW Sec. 25 3N 12W.....	Benoist.....	1763'	G.L. 500'
Marathon Oil Company.....	A. Vandermark #36.....	660°N 330°E SWc SE Sec. 25 3N 12W.....	Kirkwood.....	1752'	G.L. 496'
Marathon Oil Company.....	George Gray A/C 2 #28.....	330°S 330°W NEc NW NE Sec. 26 3N 12W.....	Kirkwood.....	1448'	G.L. 505'
Marathon Oil Company.....	George Gray A/C 2 #29.....	1070°S 660°W NEc NW NE Sec. 26 3N 12W.....	Paint Creek.....	1700'	G.L. 462'
Marathon Oil Company.....	E. Leighty A/C 1 #60.....	330°S 660°W NEc SW Sec. 26 3N 12W.....	Kirkwood.....	1690'	G.L. 459'
Marathon Oil Company.....			Paint Creek.....	1710'	G.L. 492'

PRODUCING WELLS (Completed in 1964)—Continued

Name of operator	Name of well and number	Location	Formation	Total depth	Est. IP, daily (bbls)	Elev.
LAWRENCE COUNTY—Concluded						
Marathon Oil Company.....	E. Leighty A/C 1 #61.....	330°S 660°E NWc SW Sec. 26 3N 12W.....	Kirkwood Paint Creek.....	1720'	45	G.L. 507'
Marathon Oil Company.....	E. Leighty A/C 1 #62.....	990°N 660°E SWc Sec. 26 3N 12W.....	Kirkwood Paint Creek.....	1730'	108	G.L. 531'
Marathon Oil Company.....	E. Leighty A/C 1 #63.....	330°N 660°E SWc Sec. 26 3N 12W.....	Kirkwood Paint Creek.....	1725'	58	G.L. 527'
Marathon Oil Company.....	G. L. Ryan A/C 2 #18.....	990°N 660°E SWc NW NW Sec. 26 3N 12W.....	Kirkwood Paint Creek.....	1691'	65	G.L. 448'
W. R. Borough.....	E. K. Gillespie #1-A.....	660°S 660°W NEc NW Sec. 27 3N 12W.....	McClusky.....	1896'	25	G.L. 517.5'
W. R. Borough.....	E. K. Gillespie #2-A.....	330°S 440°E NWc NE NW Sec. 27 3N 12W.....	Aux Vases.....	1881'	22	G.L. 517.3'
Marathon Oil Company.....	S. J. Gee A/C 1 #33.....	361°S 338°E NWc NE Sec. 34 3N 12W.....	McClusky.....	1855'		G.L. 534'
Marathon Oil Company.....	A. L. Gould #25.....	330°N 325°W SEc Sec. 35 3N 12W.....	Kirkwood.....			
Marathon Oil Company.....	H. H. Gould #35.....	300°S 330°E NWc SW NW Sec. 35 3N 12W.....	Paint Creek.....	1735'	55	G.L. 486'
Marathon Oil Company.....	H. H. Gould #36.....	990°N 290°W SEc NW SW Sec. 35 3N 12W.....	Paint Creek.....	1713'	44	G.L. 511'
Marathon Oil Company.....	T. I. Gould #37.....	330°S 660°W NEc SE SW Sec. 35 3N 12W.....	Ridgely.....	1290'	6	G.L. 493'
Marathon Oil Company.....	W. A. Gould #51.....	380°S 660°W NEc SW Sec. 35 3N 12W.....	Paint Creek.....	1720'	100	G.L. 504'
Marathon Oil Company.....	W. A. Gould #52.....	330°N 660°W SEc NE SW Sec. 35 3N 12W.....	Paint Creek.....	1709'	107	G.L. 490'
Marathon Oil Company.....	W. A. Gould #53.....	1000°N 550°E SWc NE SW Sec. 35 3N 12W.....	Paint Creek.....	1688'	86	G.L. 475'
Marathon Oil Company.....	L. K. Leighty A/C 1 #76.....	340°S 309°E NWc Sec. 35 3N 12W.....	Ridgely.....	1276'	102	G.L. 486'
Marathon Oil Company.....	L. K. Leighty A/C 1 #77.....	295°N 330°E SWc NW NW Sec. 35 3N 12W.....	Paint Creek.....	1722'	66	G.L. 514'
Marathon Oil Company.....	J. J. Gould A/C 1 #20.....	330°N 330°E SWc Sec. 36 3N 12W.....	Kirkwood.....	1698'	44	G.L. 502'
Marathon Oil Company.....	J. J. Gould A/C 1 #21.....	330°N 330°E SWc SW SW Sec. 36 3N 12W.....	Paint Creek.....	1720'	22	G.L. 474'
J. P. Gaines.....	Jansen-Lake Community #1.....	330°N 330°W SEc Sec. 1 3N 13W.....	Paint Creek.....	1712'	33	G.L. 457'
James R. Van Ruskirk.....	L. Wiggins #1.....	330°S 330°W NEc NW Sec. 14 3N 13W.....	Cypress.....	1752'	65	G.L. 490'
Taproot Pet., Inc.....	Wagner #1.....	330°S 330°W NEc SE NE Sec. 20 3N 13W.....	Benoist.....	2150'	5	G.L. 556'
Taproot Pet., Inc.....	Read Community #1.....	330°S 330°E NWc SW NW Sec. 21 3N 13W.....	Aux Vases.....	2671'		G.L. 503'
Taproot Pet., Inc.....	Roberts #1.....	330°N 330°E SWc NE NW Sec. 21 3N 13W.....	Aux Vases.....	2652'		G.L. 519'
Taproot Pet., Inc.....	Shiek #1-A.....	330°S 330°W NEc NW NW Sec. 21 3N 13W.....	Aux Vases.....	2610'		G.L. 511'
Taproot Pet., Inc.....	Shiek #1-B.....	330°N 330°E SWc NW NW Sec. 21 3N 13W.....	Aux Vases.....	2605'		G.L. 513'
Marathon Oil Company.....	A. R. Applegate #16.....	660°S 310°W NEc NW SW Sec. 7 4N 12W.....	Aux Vases.....	2639'	9	G.L. 510'
			Jackson.....			
			Kirkwood.....	1412'	50	G.L. 434'

Marathon Oil Company.....	A. R. Applegate Tr. #43.....	330°N 645°W SEc SW NW Sec. 18 4N 12W.....	Kirkwood.....	1430'	5	G.L. 434'
Marathon Oil Company.....	Perry King A/C 1 & 2 #146.....	330°N 645°E SWc SE NW Sec. 18 4N 12W.....	Kirkwood.....	1410'	18	G.L. 433'
Marathon Oil Company.....	Perry King A/C 1 & 2 #147.....	332°S 605°E NWc NE SW Sec. 18 4N 12W.....	Kirkwood.....	1405'	63	G.L. 434'
Marathon Oil Company.....	Geo. W. Cooper #21.....	330°N 970°E SWc NW Sec. 19 4N 12W.....	Kirkwood.....	1412'	35	G.L. 425'
Marathon Oil Company.....	C. L. Lewis #49.....	660°N 660°E SWc SW Sec. 20 4N 12W.....	Kirkwood.....	1385'	45	G.L. 449'
Twin Exploration Co.....	J. Greenlee #1.....	500°S 330°E NWc NE NE Sec. 29 4N 12W.....	Benoist.....	1728'	20	G.L. 487'
Marathon Oil Company.....	J. D. Maddling #36.....	1043°S 967°W NEc SW Sec. 30 4N 12W.....	Kirkwood.....	1470'	58	G.L. 485'
Marathon Oil Company.....	J. D. Maddling #37.....	1008°N 967°E SWc Sec. 30 4N 12W.....	Jackson.....	1535'	136	G.L. 484'
The Bradley Pro. Corp.....	Droll #435.....	3707°S 857°W NEc NW Sec. 1 4N 13W.....	Kirkwood.....	1437'	70	G.L. 431'
The Bradley Pro. Corp.....	Droll #436.....	5027°S 843°W NEc NW Sec. 1 4N 13W.....	Jackson.....	1425'	75	G.L. 432'
The Bradley Pro. Corp.....	DDroll #635.....	3470°S 2080°W NEc NW Sec. 1 4N 13W.....	Cypress.....	1452'		G.L. 427'
The Bradley Pro. Corp.....	Frederick #35.....	660°N 660°W SEc NE SE Sec. 1 4N 13W.....	Jackson.....	1470'		G.L. 430'
The Bradley Pro. Corp.....	Petty-Udlike #234.....	800°N 400°E SWc NE Sec. 1 4N 13W.....	Jackson.....	1450'	50	G.L. 431'
W. C. McBride, Inc.....	R. M. Hardacre A/C 1 #12.....	150°S 660°W NEc NW NE Sec. 12 4N 13W.....	Cypress.....	1402'		G.L. 436'
Marathon Oil Company.....	G. W. McNece #14.....	330°N 330°E SWc NE Sec. 12 4N 13W.....	Jackson.....	1416'	105	G.L. 444'
The Bradley Prod. Corp.....	M. X. Piper #437.....	1980°N 1500°E SWc NW Sec. 12 4N 13W.....	Jackson.....	1425'	12	G.L. 434'
Marathon Oil Company.....	A. Westall A/C #18.....	850°N 775°W SEc Irr. NW Sec. 12 4N 13W.....	Jackson.....	1750'	30	G.L. 440'
Marathon Oil Company.....	E. C. Applegate #16.....	333°S 940°W NEc SE Sec. 13 4N 13W.....	Kirkwood.....	1440'	19	G.L. 433'
Marathon Oil Company.....	E. K. Critchfield #8.....	330°S 990°W NEc SE SW Sec. 13 4N 13W.....	Jackson.....			
Marathon Oil Company.....	Perry King A/C 1 & 2 #148.....	330°N 990°W SEc NW Sec. 24 4N 13W.....	Kirkwood.....	1680'	125	G.L. 433'
Marathon Oil Company.....	Perry King A/C 1&2 #149.....	660°N 330°E SWc SE Sec. 24 4N 13W.....	Benoist.....	1750'	13	G.L. 433'
E. O. Aman.....	Opal L. Updike #1.....	330°N 330°W SEc SE Sec. 35 5N 13W.....	Kirkwood.....	1724'	60	G.L. 440'
M. J. Williams.....	Opal Updike B-1.....	330°N 330°E SWc SE SE Sec. 35 5N 13W.....	Benoist.....	1463'	17	D.F. 429'
			Jackson.....	1814'	3	G.L. 435.2'
McDonough County						
Charles Measley.....	Jeffries #1.....	330°S 330°E NWc SE Sec. 21 4N 4W.....	Trenton.....	475'	2	G.L. 676'
McLean County						
Don Randall.....	Steege #1.....	660°N 330°W SEc SW SE Sec. 8 21N 4E.....	Osage.....	1255'	1	G.L. 730'
Macon County						
Everett Pickering.....	Albers #7.....	660°S 330°W NEc NW SE Sec. 5 15N 1E.....	Silurian.....	1971'	65	G.L. 597'
Ware Watson.....	Ruth Cottle #1.....	330°N 330°E SWc SE SW SE Sec. 31 16N 1E.....	Silurian.....	1960'	5	G.L. 586'

PRODUCING WELLS (Completed in 1964)—Continued

Name of operator	Name of well and number	Location	Formation	Total depth	Est. IP daily (bbls)	Elev.
MADISON COUNTY						
Joseph Foucek.....	William Albrecht #17.....	425°S 840°W NE Sec. 30 6N 6W	Pennsylvanian.....	540'	2	D.F. 553'
MARION COUNTY						
E. E. Flippin.....	E. M. Dearborn #1.....	990°S 990°W NE Sec. 8 1N 1E	Pennsylvanian.....	940'	4	G.L. 461'
E. E. Flippin.....	Dothager #1.....	990°S 990°W NE Sec. 8 1N 1E	Pennsylvanian.....	900'	8	G.L. 468'
E. E. Flippin.....	Green #1.....	330°S 330°W NE Sec. 8 1N 1E	Pennsylvanian.....	900'	8	G.L. 462'
W. M. Ramsey.....	William Green Community #1.....	330°S 330°W NE Sec. 8 1N 1E	Pennsylvanian.....	885'	10	G.L. 467'
W. M. Ramsey.....	William Green Community #2.....	330°S 330°W NE Sec. 8 1N 1E	Pennsylvanian.....	885'	10	G.L. 467'
William J. Pfeiffer.....	Pfeiffer Unit #1.....	330°S 330°W NE Sec. 8 1N 1E	Petro.....	938'	9	G.L. 483'
William J. Pfeiffer.....	Pfeiffer Unit #2.....	330°S 330°W NE Sec. 8 1N 1E	Petro.....	938'	9	G.L. 483'
William J. Pfeiffer.....	Pfeiffer Unit #3.....	330°S 330°W NE Sec. 8 1N 1E	Petro.....	938'	9	G.L. 483'
Texaco Inc.....	O. E. Johnson #1.....	15°S 250°E NW Sec. 5 1N 2E	Aux Vases.....	1835'	143	D.F. 598'
Texaco Inc.....	C. E. Rich #1.....	15°S 250°E NW Sec. 5 1N 2E	Aux Vases.....	1835'	143	D.F. 598'
Texaco Inc.....	W. B. Carr "A" Tract 189 #6.....	330°S 330°W NE Sec. 8 1N 2E	Aux Vases.....	4625'	179	G.L. 531'
Texaco Inc.....	R. E. Elye Tract 217 Well #12.....	330°S 330°W NE Sec. 8 1N 2E	Aux Vases.....	1874'	376	D.F. 538'
Texaco Inc.....	B. Hawkins Comm., Tract 190, Well #1.....	330°S 330°W NE Sec. 8 1N 2E	Benoist.....	1865'	7	G.L. 536'
Sail Oil Co., Inc.....	Cecil Prather #1.....	330°N 330°E SW Sec. 8 1N 2E	Aux Vases.....	1906'	81	G.L. 547'
Sail Oil Co., Inc.....	Cecil Prather #1-A.....	330°N 330°E SW Sec. 8 1N 2E	Benoist.....	1942'	100	G.L. 548'
Sail Oil Co., Inc.....	C. Prather #2.....	330°N 330°E SW Sec. 28 1N 2E	Rosiclare.....	2137'	4	G.L. 546'
National Associated Petroleum Co.....	McBride-Dobbs #1.....	330°N 330°E SW Sec. 28 1N 2E	Benoist.....	1936'	40	G.L. 538'
National Associated Petroleum Co.....	Halfacre Estate #1.....	330°N 330°E SW Sec. 27 1N 4E	Benoist.....	2901'	5	G.L. 495'
National Associated Petroleum Co.....	Lowry "A"—Shelton Comm. #1.....	330°N 330°E SW Sec. 27 1N 4E	Benoist.....	2713'	28	G.L. 494'
National Associated Petroleum Co.....	Martha A. Meadors #1.....	330°N 330°W SE Sec. 27 1N 4E	Rosiclare.....	2985'	27	G.L. 493'
Texaco Inc.....	T. E. Fisher #8 Tract 3.....	330°S 330°E NW Sec. 27 1N 4E	Weiler.....	2717'	20	G.L. 504'
MARION COUNTY						
Texaco Inc.....	C. E. Loyd, Tract 80, Well #30.....	947°S 277°E NW Sec. 28 2N 2E	Aux Vases.....	2162'	3	G.L. 560'
Texaco Inc.....	N. L. Lee, Tract 74 Well #1.....	970°S 990°W NE Sec. 29 2N 2E	McClusky.....	1826'	10	G.L. 496'
Texaco Inc.....	N. L. Lee, Tract 74 Well #7.....	948°S 299°W NE Sec. 29 2N 2E	Aux Vases.....	1802'	98	G.L. 520'
Texaco Inc.....	N. L. Lee, Tract 74 Well #9.....	275°S 368°W NE Sec. 29 2N 2E	Aux Vases.....	1855'	92	G.L. 521'
MARION COUNTY						
Texaco Inc.....	W. T. Richardson, Tract 122 #8.....	330°N 330°W SE Sec. 32 2N 2E	Rennett.....	1739'	48	G.L. 491'
Ramsey-Merging.....	Necie Hottelaw #1.....	330°N 330°W SE Sec. 14 2N 3E	Aux Vases.....	1842'	30	D.F. 524'
Joe Simpkins.....	Langenfeld "C" #8.....	330°N 330°E SW Sec. 5 3N 1E	McClusky.....	2690'	40	G.L. 548'
R. H. Troop.....	Walker-Nattie #2.....	330°N 330°W SE Sec. 5 3N 1E	Cypress.....	1360'	8	G.L. 502'
Joe Simpkins.....	Toulme #1.....	330°S 330°W SE Sec. 8 3N 1E	Benoist.....	1500'	5	G.L. 489'
E. M. Self.....	E. L. Delay #3.....	330°S 330°W NE Sec. 8 3N 1E	Cypress.....	1377'	8	G.L. 507'
E. M. Self.....	E. L. Delay #3.....	330°S 330°W NE Sec. 9 3N 1E	Cypress.....	1373'	8	G.L. 506'

E. M. Self	E. L. Delay #4	330°N 330°W SEc NE NW Sec. 9 3N 1E.	Cypress	1368'	2	G.L. 505'
Willard McKinney	Neal #1	330°S 330°W NEc SW Sec. 9 3N 4E.	McClusky	2485'	10	G.L. 549'
PERRY COUNTY						
Texasco Inc.	C. D. Buhr #1	660°S 660°W NEc SE Sec. 22 4S 1W.	Trenton	4280'	67	D.F. 488'
Texasco Inc.	V. A. George NCT-1 #1	660°S 660°E NWc SE Sec. 23 4S 1W.	Trenton	4280'	29	D.F. 466'
Texasco Inc.	John Majewski #1	660°N 660°E NWc SW Sec. 23 4S 1W.	Trenton	4285'	350	D.F. 448'
Texasco Inc.	John Majewski #2	660°N 660°W SEc SW NW Sec. 23 4S 1W.	Trenton	4287'	84	G.L. 482'
Texasco Inc.	Pauline Majewski #1	660°N 660°E SWc SE NW Sec. 23 4S 1W.	Trenton	4285'	66	D.F. 483'
Texasco Inc.	Shell Unit #1	660°S 660°E NWc NE SW Sec. 23 4S 1W.	Trenton	4240'	24	D.F. 449'
RICHLAND COUNTY						
Mt. Carmel Drilling Company	Clarence Bowen #1	330°N 330°W SEc SW NE Sec. 29 2N 10E.	McClusky	3401'	14	G.L. 434'
Alco Oil & Gas Corporation	McGregor #1	660°N 330°W SEc SE Sec. 30 2N 10E.	McClusky	3310'	60	G.L. 429'
R. W. Harper, Jr.	L. G. Landenberger Etal #1	330°S 330°E NWc SW NE Sec. 5 2N 14W.	Rosclaire	3153'	20	G.L. 476'
R. W. Harper, Jr.	J. W. Moore #1	330°S 330°W NEc NE NW Sec. 5 2N 14W.	McClusky	3138'	72	G.L. 448'
R. W. Harper, Jr.	J. L. Corry, Jr. #1	330°N 330°W SEc SW NE Sec. 5 2N 14W.	McClusky	3117'	44	G.L. 447'
The Pure Oil Company	Anna M. Snyder #12	330°N 330°W SEc NW Sec. 3 3N 9E.	Salem	3965'	38	D.F. 484'
The Pure Oil Company	John O. Coen #56	1345°S 990°W NEc NW Sec. 9 3N 9E.	McClusky	3000'	41	G.L. 483'
Berlin C. Runyon	Totten #1	330°S 330°E NWc SE SW Sec. 36 3N 9E.	Rosclaire	3221'	40	G.L. 436'
The Bradley Producing Corp.	Carter Cox #4-O	330°N 330°W SEc NE NE Sec. 1 4N 9E.	Aux Vases	2788'	5	K.B. 453'
F. M. Minor Drilling Company	Chandler #1	990°N 330°E SWc Sec. 19 4N 9E.	McClusky	3094'	60	G.L. 471'
John B. Murvin	C. E. Lucas #1	330°N 660°W SEc Sec. 24 4N 9E.	Cypress	2550'	32	G.L. 451'
McDowell & Murvin	Lucas #2	990°N 660°W SEc Sec. 24 4N 9E.	Cypress	2550'	5	G.L. 513'
The Pure Oil Company	Sayre #1	330°S 330°E NWc NE Sec. 24 4N 9E.	Cypress	2920'	31	G.L. 488'
The Pure Oil Company	C. E. Lucas #2	330°S 330°E NWc SE NE Sec. 25 4N 9E.	Cypress	2546'	5	G.L. 485'
Wakefield Unit—Howard Cazel						
B #12.						
Wakefield Unit—Irvin Schwarm						
A #3.						
The Pure Oil Company	Wakefield Unit—C. B. Woodard #2	374°N 330°W SEc NE SW Sec. 25 4N 9E.	Cypress	2566'	32	G.L. 484'
The Pure Oil Company	Wakefield Unit—C. B. Woodard #3	330°N 330°W SEc NE SW Sec. 25 4N 9E.	Cypress	2613'	10	G.L. 486'
The Pure Oil Company	G. F. Brooks #3	330°S 660°W NEc SE Sec. 28 4N 9E.	McClusky	3020'	192	G.L. 566'
McDowell & Murvin	Ida Colborn #5	660°N 330°W SEc SW Sec. 33 4N 9E.	Salem	3680'	21	G.L. 515'
Russell E. McDowell	Dezell #2-B	330°N 330°W SEc SW Sec. 33 4N 9E.	McClusky	3705'	33	G.L. 517'
Russell E. McDowell	Sparr #2	330°S 330°W NEc SE Sec. 35 4N 9E.	Cypress	2567'	4	G.L. 487'
Dean A. Little	Murray Heirs #1	330°S 330°E NWc NE NE Sec. 35 4N 9E.	Cypress	2551'	2	G.L. 482'
Tri-Apco Incorporated	Bertha Heirs #1	330°S 330°E NWc NE NE Sec. 6 4N 10E.	McClusky	3882'	15	G.L. 489'
John M. Zanets	Leaf #1	330°N 990°E SWc SE SW Sec. 12 4N 10E.	McClusky	3950'	76	G.L. 520'
John M. Zanets	Leaves-Clage Consolidated #1	330°S 330°E NWc NW Sec. 12 4N 10E.	McClusky	3082'	5	G.L. 492'
R. W. Harper, Jr.	Caroline Coan #1	330°S 330°E NWc NW Sec. 12 4N 10E.	McClusky	3087'	5	G.L. 486'
Arnold Oil Company	Murray Heirs #1	330°S 330°W NEc SW Sec. 31 5N 9E.	Aux Vases	2975'	10	G.L. 484'
Dean A. Little	Murray Heirs #2	330°S 330°W NEc SW Sec. 31 5N 9E.	McClusky	2848'	10	G.L. 483'
Estate of J. W. Rudy	Stiff #5	330°N 1650°E SWc Sec. 34 5N 10E.	McClusky	2950'	8	G.L. 483.5'
Crystal H. Rudy, Executrix			McClusky	2940'	30	G.L. 467'

PRODUCING WELLS (Completed in 1964)—Continued

Name of operator	Name of well and number	Location	Formation	Total depth	Est. IP daily (bbls)	Elev.
ST. CLAIR COUNTY						
Natural Gas Pipeline Co. of America...	John Wennemann #1...	230°N 330°W SEc NE NE SE Sec. 26 1S 6W	Silurian	2260'	Gas	G.L. 391'
SALINE COUNTY						
T. W. George	Walter Irvin #1	330°S 330°W NEc SE SE Sec. 35 7S 6E	Cypress	2682'	18	G.L. 378'
Poc Oil Corporation	Poc Oil #1	330°N 330°W SEc SE NE NE Sec. 35 8S 6E	Harrodsburg	2275'	10	G.L. 378'
G. I. Oil & Gas Company	William #2	330°S 330°W NWc SW NE Sec. 35 8S 6E	Tar Springs	2250'	39	G.L. 368'
Central Petroleum Company	Salina Coal Co. #1	330°S 310°E NWc SW Sec. 36 8S 6E	Cypress	2700'	75	G.L. 368'
Poc Oil Corporation	DeVilz #8	330°S 330°E NWc SW NW Sec. 36 8S 6E	Cypress	2464'	100	G.L. 370'
SANGAMON COUNTY						
N. V. Duncan Drilling Company	Boyd #1	330°N 330°E SWc NE SE Sec. 5 14N 3W	Silurian	1784'	150	G.L. 591'
Atkins & Hale	B. F. Walker Heirs #1	330°N 330°W SEc NE NW Sec. 5 14N 3W	Silurian	1785'	175	G.L. 589'
Albert Bickell	Snider #3	690°N 330°E SWc SE SE Sec. 1 14N 4W	Silurian	1706'	25	G.L. 584.5'
Kenneth Hirstein	Miller #1-A	330°N 330°E SWc SE Sec. 1 14N 4W	Silurian	1710'	80	G.L. 585'
Pst. Gentile	G. E. Miller Comm. #1	330°N 330°W SEc SW Sec. 4 14N 4W	Silurian	1721'	3360	K.B. 591'
J. D. Kuykendall	Wilcox #1	330°S 330°E NWc NE Sec. 9 14N 4W	Silurian	1704'	5	G.L. 587'
Pst. Gentile	James Wilcox #3	330°N 45°W NEc NW Sec. 9 14N 4W	Silurian	1703'	98	G.L. 571'
Bimuh Oil Company	Young #1-A	760°S 330°W NEc NW Sec. 10 14N 4W	Silurian	1760'	23	G.L. 585.8'
Bartall Oil & Gas Dev. Co., Inc.	B. D. Walker #1-B	330°S 330°W NEc NW NE Sec. 12 14N 4W	Silurian	1721'	90	G.L. 583.8'
Dwight Beckham	E. T. Morris #9	330°S 330°W NEc SW NE Sec. 3 15N 3W	Silurian	1786'	19	G.L. 593'
H. K. Pratt & Alvin M. Roth	Aikin Comm. #3	330°S 330°W NEc SW NE Sec. 3 15N 3W	Silurian	1740'	26	G.L. 586'
Dwight Beckham	Fred Davey #5	330°S 330°E NWc NE Sec. 29 15N 3W	Silurian	1749'	38	G.L. 586'
Dwight Beckham	Davey #6	330°N 330°E SWc NE NE Sec. 29 15N 3W	Silurian	1749'	60	G.L. 587'
Ratloff Oil Producers, Inc.	Pickett #1	330°N 330°E SWc NW SE Sec. 29 15N 3W	Silurian	1737'	12	G.L. 589'
Ratloff Oil Producers, Inc.	Pickett #3	990°N 330°E SWc SE Sec. 29 15N 3W	Silurian	1728'	30	G.L. 585'
M. M. & S. Oil Company	J. F. Waters #1	330°S 330°W NEc SW SE Sec. 32 15N 3W	Silurian	1764'	26	G.L. 587'
Erick P. Weber	Otis E. Fleming #1	330°S 330°E NWc NE SW Sec. 22 15N 4W	Silurian	1660'	5	D.F. 577'
WABASH COUNTY						
Prudential Oil Company	Potts-Whiticide #2-A	990°S 990°E NWc NE NW Sec. 1 1N 12W	Cypress	1901'	2	G.L. 426'
Universal Operating, Inc.	Litherland-Smith Unit #12	61.4°S 504.7°E NWc SW SW Sec. 5 1N 12W	Beil	1542'	96	G.L. 468'
C. E. Skiles, Inc.	Yelton-Kerzan #2	3320°N 920°E SWc SE Sec. 5 1N 12W	Beil	1580'	65	G.L. 461.06'
Dee Drilling Company	E. Litherland #2	375°N 330°W SEc SE Sec. 6 1N 12W	Beil	1601'	Prod.	G.L. 447'
Universal Operating, Inc.	Robinson-Schaefer Comm. Unit #5	357°N 409°W SEc SW NE Sec. 15 1N 12W	Beil	1485'	20	G.L. 462'
Collins Brothers Oil Company	Wood-Thurapp Comm. #1	330°S 330°E NWc NW NE Sec. 29 15N 12W	Cypress	2388'	22	D.F. 459'
Higgins Oil Company	M. C. Korte #3	330°N 330°W NEc NW Sec. 21 1N 13W	Benoist	2566'	72	G.L. 455'
Higgins Oil Company	Smith Comm. #2	330°N 330°E SWc NE SW Sec. 21 1N 13W	Benoist	2775'	60	G.L. 450'

Illinois Oil Company.....	660°N 330°E SWc NW SW Sec. 26 1N 13W.....	Biell.....	1822'	2	G.L. 494'
Illinois Oil Company.....	330°N 330°E SWc NW Sec. 26 1N 13W.....	Biell.....	1812'	5	G.L. 487'
Illinois Oil Company.....	330°S 330°W Ndc SW NE Sec. 36 2N 12W.....	Cypress.....			
Don H. Baldwin, Inc.....	330°N 330°E SWc SE Sec. 34 2N 13W.....	Benoist.....	1843'	20	G.L. 403'
Emil Gawthorp.....	330°N 330°E SWc NE Sec. 34 2N 13W.....	McClosky.....	2720'	47	G.L. 495'
Don H. Baldwin, Inc.....	330°S 330°W Ndc SE SW Sec. 34 2N 13W.....	McClosky.....	2681'	10	G.L. 484'
Don H. Baldwin, Inc.....	330°S 330°E SWc NE Sec. 34 2N 13W.....	McClosky.....	2683'	10	G.L. 487'
Francis L. Beard.....	1470°N 990°E SWc SE Sec. 5 1S 12W.....	McClosky.....	2680'	100	G.L. 455'
Francis L. Beard.....	Emmett Dunkel #1-A.....	Cypress.....	2015'	50	G.L. 396'
Skiles Oil Corporation.....	330°N 330°E SWc NE Sec. 5 1S 12W.....	Lower Cypress.....	2065'	15	G.L. 401'
Francis L. Beard.....	330°S 330°W Ndc NW Sec. 5 1S 12W.....	Cypress.....	2100'	55	G.L. 384'
Francis L. Beard.....	330°N 1100°E SWc SE Sec. 5 1S 12W.....	Cypress.....	2360'	40	G.L. 395'
Francis L. Beard.....	965°N 1740°E SWc SE Sec. 5 1S 12W.....	Cypress.....	2026'	40	G.L. 404'
Sands Oil Corporation.....	1100°S 1104°E NWc NE Sec. 8 1S 12W.....	Cypress.....	2100'	30	G.L. 395'
Sands Oil Corporation.....	883°S 1104°E NWc NE Sec. 8 1S 12W.....	Cypress.....	1998'	20	G.L. 395'
Shell Oil Company.....	330°S 330°W Ndc NW Sec. 17 1S 12W.....	Biell.....	2059'	3	D.F. 457'
Elmer M. Novak.....	330°S 330°W Ndc NW Sec. 17 1S 12W.....	Cypress.....	2160'	8	G.L. 416'
Shell Oil Company.....	69°S 1057°E NWc NE Sec. 18 1S 12W.....	Tar Springs.....	496'	58	D.F. 406'
Shell Oil Company.....	573°N 908°E SWc NE Sec. 18 1S 12W.....	Tar Springs.....	2089'	120	D.F. 452'
Deil Carroll.....	330°N 990°W SWc SW Sec. 11 1S 13W.....	Cypress.....	2329'	1	G.L. 452'
Deil Carroll.....	673°N 330°W SWc SW Sec. 11 1S 13W.....	Cypress.....	2341'	1	G.L. 453'
Robert G. Slouise.....	330°N 330°E SWc NW Sec. 15 1S 13W.....	Benoist.....			
Continental Oil Company.....	330°S 330°W Ndc SE NE Sec. 8 2S 13W.....	O'Hara.....	2711'	10	G.L. 431'
J. F. Ashoff Jr.....	330°S 330°W Ndc NW NW Sec. 16 2S 13W.....	Benoist.....	2785'	2	G.L. 418'
Francis L. Beard.....	330°N 330°E SWc NW NW Sec. 19 2S 13W.....	Benoist.....	2736'	40	G.L. 415'
Texaco Inc.....	330°N 330°W SWc NW NW Sec. 19 2S 13W.....	Biell.....	1770'	34	G.L. 410'
Texaco Inc.....	330°N 330°E SWc NW SE Sec. 19 2S 13W.....	Bridgeport.....	1743'	72	G.L. 406'
Francis L. Beard.....	330°N 330°E SWc NW SE Sec. 19 2S 13W.....	Bridgeport.....	1746'	61	D.F. 410'
Francis L. Beard.....	330°N 330°W SWc NW SE Sec. 19 2S 13W.....	Bridgeport.....	1758'	110	G.L. 406'
Kendall-Davis Drilling Co., Inc.....	400°N 330°E SWc NE Sec. 20 2S 13W.....	Biell.....	2870'	35	G.L. 407'
Kendall-Davis Drilling Co., Inc.....	330°N 330°E SWc NE Sec. 20 2S 13W.....	Benoist.....	2644'	20	G.L. 428'
National Associated Petroleum Co.....	330°N 330°W SWc NE Sec. 29 2S 13W.....	Benoist.....	2670'	20	G.L. 453'
National Associated Petroleum Co.....	330°S 330°E SWc SE SW Sec. 29 2S 13W.....	Cypress.....	2870'	24	G.L. 430'
Basin Oil Development Co.....	330°N 330°E SWc NE Sec. 2 2S 14W.....	Aux Vases.....	2890'	15	G.L. 449'
Basin Oil Development Co.....	330°S 330°E SWc NE Sec. 2 2S 14W.....	Cypress.....	2650'	96	G.L. 401'
Indiana Farm Bureau Coop. Assn., Inc.....	330°N 330°E SWc SE Sec. 3 2S 14W.....	Middle Cypress.....	2650'	80	G.L. 415'
Indiana Farm Bureau Coop. Assn., Inc.....	330°N 400°E SWc SE Sec. 3 2S 14W.....	O'Hara.....	3059'	100	G.L. 410'
Indiana Farm Bureau Coop. Assn., Inc.....	330°S 330°W Ndc NW Sec. 3 2S 14W.....	O'Hara.....	2997'	100	G.L. 389'
Indiana Farm Bureau Coop. Assn., Inc.....	330°N 330°E SWc SE Sec. 3 2S 14W.....	O'Hara.....	2972'	100	G.L. 389'
Indiana Farm Bureau Coop. Assn., Inc.....	330°S 330°E SWc SE Sec. 3 2S 14W.....	O'Hara.....	3061'	175	G.L. 406.7'
Indiana Farm Bureau Coop. Assn., Inc.....	330°N 330°E SWc NE Sec. 3 2S 14W.....	O'Hara.....	2982'	175	G.L. 399'
Indiana Farm Bureau Coop. Assn., Inc.....	330°S 330°E SWc NE Sec. 3 2S 14W.....	O'Hara.....	2983'	125	G.L. 400.39'
Gilliam Oil Company.....	330°S 330°W Ndc NW Sec. 10 2S 14W.....	O'Hara.....	2985'	35	G.L. 402'
	351°S 1218°E NWc SW Sec. 14 2S 13W.....	Bridgeport.....	1303'	45	G.L. 395'

PRODUCING WELLS (Completed in 1964)—Continued

Name of operator	Name of well and number	Location	Formation	Total depth	Est. IP daily (bbls)	Elev.
WASHINGTON COUNTY						
Max Williams	Jackson #1	330°S 330°E NWc NE NE Sec. 29 1N 1W	Cypress	1291'	15	G.L. 447'
Max Williams	Jackson #2	350°N 330°W SEc NE NE Sec. 29 1N 1W	Cypress	1304'	6	G.L. 460'
George E. Kuhn	Maroon-Hodges #1	330°S 330°W NEc NW NE Sec. 29 1N 1W	Cypress	1302'	10	G.L. 455'
Max Williams	Schaeffer #1	330°S 330°W NEc NE Sec. 29 1N 1W	Cypress	1345'	7	G.L. 459'
W. C. McBride, Inc.	W. E. Brown Unit #1-A	50°S 330°E NWc NE SW Sec. 23 1S 1W	Cypress			
			Henoist	1348'	28	G.L. 540'
N. A. Baldrige	Emma Niermann #1	330°S 330°W NEc SE SW Sec. 28 1S 1W	Cypress	1481'		K.B. 508'
George A. Thompson	Stoner-Thompson Community #1	990°S 330°E NWc SE SE Sec. 35 1S 1W	Cypress	1659'	4	G.L. 539'
WAYNE COUNTY						
Ego Oil Company	Lillie Aug #2	430°S 330°W NEc NW SE Sec. 23 1N 5E	Aux Vases	3068'	132	G.L. 475'
Kingwood Oil Company	Lillie Aug #3	330°S 330°E NWc SE Sec. 23 1N 5E	Aux Vases	3030'	133	G.L. 431'
Kirby Pet. Company	Logan Harrell #1	330°N 330°W SEc NW Sec. 23 1N 5E	Aux Vases	2955'	100	G.L. 434'
Ben J. Taylor & L. A. Schumacher	J. M. Hawkins #A-1	330°N 330°W SEc NW Sec. 23 1N 5E	Aux Vases	2919'	78	G.L. 432'
Ben J. Taylor & L. A. Schumacher	J. M. Hawkins #A-2	360°N 330°E SWc NE Sec. 23 1N 5E	Aux Vases	2093'	71	G.L. 432'
Kirby Pet. Company	Bennie Richardson #4	330°N 330°W SEc NW NW Sec. 23 1N 5E	Aux Vases	2921'	80	G.L. 461'
Ben J. Taylor & L. A. Schumacher	Howard Spicer #A-1	330°S 330°E NWc NE SE Sec. 23 1N 5E	Aux Vases	2954'	63	G.L. 461'
Robert L. Runyon	William L. Huddleston #1	330°S 330°E NWc SE NE Sec. 24 1N 5E	McClosky			
National Associated Pet. Co.	Ladonna Martin #1	330°N 330°E SWc NW NE Sec. 5 1N 6E	O'Hara	3190'	5	G.L. 493'
Kingwood Oil Company	Ireland #1	330°N 330°W SEc SW NW Sec. 32 1N 6E	Rosdare	3248'	60	G.L. 491'
Kingwood Oil Company	Talbert #5	330°N 330°E SWc NE SW Sec. 32 1N 6E	Aux Vases	3257'	116	G.L. 489'
Texaco Inc.	M. Watson #2 (Tract 61)	330°N 665°W SEc NE NW Sec. 34 1N 6E	Aux Vases	3330'	11	D.F. 486'
The Pure Oil Company	South Jordan School Unit—C. R. Orr #A1	660°S 330°E NWc NE SW Sec. 12 1N 7E	Aux Vases	3100'	64	K.B. 469'
The Pure Oil Company	South Jordan School Unit—J. W. Reid #8	330°S 330°E NWc SE Sec. 12 1N 7E	Aux Vases	3087'		D.F. 433'
The Pure Oil Company	South Jordan School Unit—Jordan Perry #A2	330°N 330°E SWc SE Sec. 12 1N 7E	Aux Vases	3075'		D.F. 434'
The Pure Oil Company	Feller Flood Cons.—E. J. Feller #11	990°N 990°E SWc SE Sec. 12 1N 7E	Aux Vases	3045'	4	G.L. 441'
The Pure Oil Company	Feller Flood Cons.—Jacob J. Barth—A #7	1100°N 1100°E SWc NW Sec. 5 1N 8E	Aux Vases	3076'	4	G.L. 428'
The Pure Oil Company	South-east Enterprise Cons.—Melvin Walker #1	330°N 330°E SWc SE SW Sec. 5 1N 8E	McClosky	3042'	111	G.L. 401'
John D. Gordon & Everett M. Bangert	Gill #1	330°N 330°E SWc SE SW Sec. 24 1N 8E	Aux Vases	3120'	1	D.F. 404'
		330°N 330°W SEc NE NW Sec. 24 2N 7E	Aux Vases	3060'	125	G.L. 427'

John D. Gordon & Everett M. Bangert Sylvester Oil Company, Inc. Sylvester Oil Co., Inc.	Gill #2 Settles #1-A Settles #2-A	330°S 330°W NEc SE NW Sec. 24 2N 7E 330°N 330°W SEc NW NW Sec. 24 2N 7E 600°S 330°E NWc SE Sec. 24 2N 7E	Aux Vases. McClosky McClosky Aux Vases. McClosky	3075' 3089' 3099'	126 70 16	G.L. 440' G.L. 431' G.L. 445'
Sylvester Oil Company, Inc.	Skelton #1-A	330°S 330°W NEc NW SE Sec. 24 2N 7E	Aux Vases. McClosky Aux Vases Cypress.	3071' 3055' 3109' 3107' 3100' 3130' 3130' 3150'	50 45 15 8 28 18 40	G.L. 413' G.L. 435' D.F. 430' D.F. 427' G.L. 453' G.L. 452' G.L. 449'
Ridgedale Oil & Gas Co., Inc. Ridgedale Oil & Gas Co., Inc. The Pure Oil Company M. C. Millan M. C. Millan M. C. Millan The Pure Oil Company The Pure Oil Company The Pure Oil Company The Pure Oil Company Black & Black Oil Co. Black & Black Oil Co. Slagter Prod. Corp. Slagter Prod. Corp. Texaco Inc. Texaco Inc. Texaco Inc. Texaco Inc.	Williams #1 Williams #3 The T. W. Rubble—B #3 Gill #1 Riggs #1 Riggs #2 Northeast Geff Unit; G. A. Mullinax #5 Northeast Geff Unit; C. F. Atkinson #4 C. W. Robbins #2 Dora Long #1 Raymond Lyons #1 W. Lawrence #1 Tract #20 J. Gernon #3 (Tract 5) Twist "B" #9 (Tract 16)	330°S 330°E NWc SE Sec. 24 2N 8E 330°S 330°W NEc SE NW Sec. 24 2N 8E 600°N 1658°E SWc NW SE Sec. 24 2N 8E 330°S 330°E NWc NE SE Sec. 24 2N 8E 330°N 330°W SEc NW NW Sec. 31 2N 8E 900°N 900°W SEc NE Sec. 34 2N 8E 330°N 330°E SWc NW SE Sec. 1 1S 7E 330°N 272°W SEc NW SE Sec. 11 1S 7E 330°N 330°E SWc SE NW Sec. 8 1S 8E 330°N 330°W SEc SW NW Sec. 8 1S 8E 330°N 330°W SEc SW NW Sec. 5 2S 7E 330°N 330°E SWc NW NW Sec. 8 2S 7E 600°S 330°E NWc SE SE Sec. 28 2S 7E 330°S 330°W NEc NW NW Sec. 33 2S 7E 330°S 330°E NWc E½ NE Frac. Sec. 5 3S 7E	Aux Vases. McClosky McClosky Aux Vases. McClosky McClosky McClosky McClosky McClosky McClosky McClosky McClosky McClosky McClosky McClosky McClosky McClosky	2688' 3120' 3279' 3065' 3381' 3405' 3350' 3350' 3445'	--- --- 40 40 5 17 8 2 2	D.F. 478' G.L. 420' D.F. 408' G.L. 509' G.L. 415.76' G.L. 414' G.L. 377' --- G.L. 381'
T. G. Jenkins Sam Tipps Basin Oil Development Co. Black & Black Oil Co. Black & Black Oil Co. Black & Black Oil Co. Rhea Fletcher Rhea Fletcher N. V. Duncan N. V. Duncan Victor R. Gallagher Tidewater Oil Company Texaco Inc. The Superior Oil Company	A. J. Poorman #5 McIntosh #3 Pollard #2 Kathleen Eagleson #1 K. Eagleson #2 Eagleson #3 Gray #2 Gray #5 Metcalf #6 Metcalf #8 Kuykendall Waterflood Unit #9 E. S. Dennis #B-13 B. A. Brannett #3 E. M. Fitton #48	330°S 1650°E NWc SE SW Sec. 19 3S 8E 330°N 660°E SWc NW SE Sec. 30 3S 8E 660°S 990°W NEc SE Sec. 28 3S 9E 330°N 330°W SEc SE Sec. 19 3S 14W 990°N 330°W SEc SE Sec. 19 3S 14W 330°N 330°E SWc SE SE Sec. 19 3S 14W 330°S 330°E NWc SW NW Sec. 31 3S 14W 330°N 330°W SEc NW SE Sec. 31 3S 14W 330°S 330°W NEc SE Sec. 31 3S 14W 330°S 330°E NEc SE Sec. 23 4S 10E 330°N 330°E SWc NW NW Sec. 19 4S 11E 330°N 1067°W SEc SW SE Sec. 17 4S 14W 330°S 330°E NWc SE SW Sec. 23 4S 14W	Salem. Aux Vases. McClosky Aux Vases. Benoist. Biehli Walterburg. McClosky Biehli Biehli Biehli Penn. Deponia Cypress. Aux Vases. Cypress Biehli Aux Vases.	5430' 3290' 3415' 3089' 3039' 3055' 3076' 1837' 1840' 1867' 1587' 3001' 2862' 2900'	30 2 50 28 28 15 3 3 50 196.94 --- 40 11 29	G.L. 375' G.L. 374' G.L. 408' D.F. 398' G.L. 396' G.L. 388' G.L. 402' G.L. 463' G.L. 419' --- G.L. 413' G.L. 449' G.L. 371'

WHITE COUNTY

PRODUCING WELLS (Completed in 1964)—Continued

Name of operator	Name of well and number	Location	Formation	Total depth	Est. IP daily (bbls)	Elev.
WHITE COUNTY—Continued						
The Superior Oil Company	E. M. Fitton #49	330°N 330°W SEc SW SW Sec. 23 4S 14W	Aux Vases.	2890'	190	G.L. 370'
The Superior Oil Company	E. M. Fitton #51	330°N 330°E SWc SE SW Sec. 23 4S 14W	Aux Vases.	2905'	113	G.L. 375'
The Superior Oil Company	E. M. Fitton #55	330°N 330°W SEc SW SW Sec. 23 4S 14W	Bethel.	2950'	27	G.L. 371'
The Superior Oil Company	E. M. Fitton #57	330°N 330°W SEc SW Sec. 23 4S 14W	Weller.	2910'		G.L. 373'
The Superior Oil Company	E. M. Fitton #47	990°E 330°E NWc NE SW Sec. 26 4S 14W	Aux Vases.	2959'	41.6	G.L. 369.5'
The Superior Oil Company	E. M. Fitton #53	330°N 330°W SEc NW NW Sec. 26 4S 14W	Tar Springs Bethel			
The Superior Oil Company	E. M. Fitton #50	330°S 330°W NEc NW NW Sec. 26 4S 14W	Cypress Weller	2900'	5.5	G.L. 374'
The Superior Oil Company	E. M. Fitton #54	330°S 330°E NWc SW NW Sec. 26 4S 14W	Bethel	2905'	35	G.L. 375'
The Superior Oil Company	E. M. Fitton #52	330°N 330°W SEc NE NE Sec. 27 4S 14W	Bethel	2885'	124	G.L. 368'
T. M. Bane	Owens #2	330°N 330°E SWc NE NW Sec. 29 4S 14W	Aux Vases.	2900'	57	G.L. 375'
The Superior Oil Company	E. M. Fitton "A" #28	25°S 40°W NEc NW Sec. 33 4S 14W	Tar Springs.	2570'	41	G.L. 383'
Basin Oil Development	O. Abba #1	330°N 330°E SWc NE NW Sec. 33 6S 8E	Cypress	2570'		D.F. 367'
Royaleco, Inc.	Garner #2-B	330°N 330°E SWc NE SW Sec. 14S 10E	Aux Vases.	3482'	25	G.L. 377'
Perrman Oil, Inc.	Givens #4	330°N 330°W SEc SW NW Sec. 11 5S 10E	Desana.	2914'	10	G.L. 361'
The Pure Oil Company	Stokes-Brownsville Unit— T. E. Robinson #1	330°S 330°E NWc Sec. 12 6S 8E	Tar Springs	2969'	40	G.L. 383.5'
Pacific Operating Co.	C. Aldridge #13	330°S 330°W NEc Sec. 12 6S 9E	Aux Vases	2688'		D.F. 478'
E. F. Moran, Inc.	Prudential "A" #3	330°N 330°W SEc NW SW Sec. 13 6S 9E	Waltersburg.	2978'	7	G.L. 389'
National Assoc. Petroleum Co.	Austin-Poshard "B"— Spence Unit #1	330°N 330°W NEc SE NW Sec. 17 6S 9E	Aux Vases.	3021'	3	G.L. 389'
Humble Oil & Refining Co.	C. S. Austin #1	349°S 286°W NEc SE NW Sec. 22 6S 9E	Clare	3114'	32	G.L. 387'
Keith F. Walker	Austin #3	330°N 330°E SWc SE NW Sec. 22 6S 9E	Waltersburg	2263'	1	G.L. 376'
Burns Drilling Company	Jessie B. Hicks Community #1	1°N 330°E SWc NW SW Sec. 6 6S 10E	Waltersburg	2270'	1	G.L. 373'
Jim Haley Production Co.	Land #1	990°E 330°E SWc NW Sec. 6 6S 10E	Aux Vases	2970'	115	G.L. 401'
S. & M. Oil Company	Ackerman-Frymire Comm. #1	660°E SWc NW SEc Sec. 10 6S 10E	Aux Vases	3155'	3	G.L. 412'
Leland R. Fulkerson	Absher #3	330°N 330°W SEc NE NE Sec. 12 6S 10E	Hardinsburg	2522'	100	G.L. 371'
			McClosky	3030'	20	G.L. 361'
WILLIAMSON COUNTY						
J. E. Fulkford	Madison Coal Corp. K-2	330°N 330°W SEc NW NE Sec. 23 8S 3E	Hardinsburg	2750'		G.L. 523'
Eugene E. Morris	Madison Coal Corp. "O" #1	330°N 330°W SEc NE NW Sec. 23 8S 3E	Aux Vases.	2644'	175	G.L. 498'

STATE OF ILLINOIS
DEPARTMENT OF MINES AND MINERALS
SPRINGFIELD, ILLINOIS

In the matter of Application for Permit by Skiles Oil Corporation to convert to water injection the *J. E. Smith* #3 well located 330 feet south and 330 feet east of the northwest corner of the southwest quarter of the southwest quarter of Section 35, Township 1 South, Range 9 East, Wayne County, Illinois, to the O'Hara Formation.

HEARING ORDER
No. 167

This cause came on for hearing before the State Mining Board in the State Office Building, Springfield, Illinois, at 10:30 A.M., D.S.T., on Tuesday, October 22, 1963.

Present at the hearing for the State Mining Board were Mr. Noble L. Ferguson, Hearing Officer, and Mr. George Lane, Petroleum Engineer. Appearing on behalf of the applicant was Mr. George W. Woodcock, Attorney. Appearing on behalf of the objector was Mr. Howard W. Campbell, Attorney.

The Mining Board, having considered the oral testimony in said cause and the documents introduced in said cause, and being fully advised in the matter, on consideration finds:

That the application of Skiles Oil Corporation to convert to water injection well the *J. E. Smith* #3 located:

330 feet south and 330 feet east of the northwest corner of the southwest quarter of the southwest quarter of Section 35, Township 1 South, Range 9 East, Wayne County, Illinois, should be granted.

IT IS THEREFORE ORDERED THAT the application of Skiles Oil Corporation to convert to water injection well the *J. E. Smith* #3 located:

330 feet south and 330 feet east of the northwest corner of the southwest quarter of the southwest quarter of Section 35, Township 1 South, Range 9 East, Wayne County, Illinois, is approved and permit is hereby granted.

Dated at Springfield, Sangamon County, Illinois, this 10th day of February, A. D. 1964.

BY ORDER OF THE STATE MINING BOARD:
L. L. Ruff, *Executive Officer*

STATE OF ILLINOIS
DEPARTMENT OF MINES AND MINERALS
DIVISION OF OIL AND GAS CONSERVATION
SPRINGFIELD, ILLINOIS

In the matter of the Public Hearing relative to
consideration and adoption of proposed Rules
and Regulations. } HEARING ORDER
No. 168
(AMENDED)

This Hearing Order No. 168 is hereby amended to show the following change:

RULE IX (2) DISPOSAL IN EARTHEN PITS

B. Existing Pits

Within six (6) months from the effective date of this rule, operators of all existing salt water pits shall submit application for a permit for said pits on such form as the Mining Board may provide. The application will be approved subject to physical inspection if the pit adequately prevents the escape of waste liquids.

"FRESH WATER" — For purposes of this Act, fresh water shall be constructed and maintained so as to prevent escape therefrom. The waste liquids in earthen pits shall *at no time be permitted to rise above the lowest point of the ground surface level.* All pits shall have continuous walls surrounding them so that no surface drainage from adjacent areas can enter the pits. No pit shall be used in an area which is subject to flooding by streams, rivers, lakes, or drainage ditches, unless so constructed that the pit would not normally be affected by flooding.

BY ORDER OF THE STATE MINING BOARD:
L. L. Ruff, *Executive Officer*

STATE OF ILLINOIS
DEPARTMENT OF MINES AND MINERALS
DIVISION OF OIL AND GAS CONSERVATION
SPRINGFIELD, ILLINOIS

In the Matter of the Public Hearing relative to
consideration and adoption of proposed Rules
and Regulations. } ORDER No. 168

BE IT REMEMBERED, that on March 3, A.D., 1964, at the hour of Ten o'Clock A.M., a Public Hearing was held in Room 600A, State Office Building, Springfield, Illinois, pursuant to the publication of notice of said hearing as provided by the law relative thereto, and the Mining Board having heard the arguments presented for the consider-

ation and adoption of certain proposed rules and regulations for the Division of Oil and Gas of the Department of Mines and Minerals of the State of Illinois, and being fully informed on the matter, adopted the following rules and regulations which are this day placed on record in the records of the Oil and Gas Division of the Department of Mines and Minerals, such rules being as follows:

1. RULE I

Add the following definitions:

“FRESH WATER” — For purposes of this Act, fresh water shall mean water having five (5) parts per one thousand (1,000) total dissolved solids or less.

“SECONDARY RECOVERY” — shall mean the recovery obtained by any method whereby oil and gas is produced by augmenting the natural reservoir energy.

2. RULE II (1) (E) PERMIT POSTED AT WELL SITE

Add to existing rule:

The permit shall remain posted at the well site until the drilling of the well has been completed.

RULE II (5) (B) (2) MAPS AVAILABLE AT WELL SITE

Replaces existing rule:

During the drilling of a well, for which a permit has been issued, the permittee shall keep at the well site for the use of the Mining Board and its representatives an exact copy of the maps and sketches which accompanied his application for such permit.

3. RULE IV (E) WELLS WITHIN CORPORATE LIMITS

Eliminate the *first two sentences* presently in this Rule.

4. *Replacement* for entire RULE IX

AVOIDANCE OF FRESH WATER POLLUTION AND DISPOSAL OF SALT WATER OR OTHER LIQUIDS TO PREVENT WASTE AS DEFINED IN THE ACT.

To assure fresh water supplies and to prevent waste, no person shall dispose of salt water or other waste liquids except in the following manner. Any other method of disposal is hereby prohibited.

(1) DISPOSAL OF UNDERGROUND STRATUM

Salt water or other waste liquids may be disposed of into an underground formation or strata after a permit to do so has been procured from the Mining Board as hereinbefore provided. The Mining Board shall have authority to designate and approve the stratum into which such liquids shall be disposed of, also the protective work necessary to confine such liquids to the intended stratum. All such work shall be executed under the supervision

of a Mining Board Representative and shall conform to the requirements imposed in granting the permit therefor.

(2) DISPOSAL IN EARTHEN PITS

Salt water and other waste liquids may be impounded and collected or disposed of by evaporation in excavated earthen pits where the salt water or other waste liquids will not contaminate ground water or pollute surface water in accordance with the following rules.

A. New Pits

Before any earthen pit may be constructed for such purposes the operator shall file with the Mining Board an application on a form approved by the Board. The form may request such geological and engineering data as is reasonably necessary to enable the Oil and Gas Division to determine whether or not the pit will be sufficient to prevent the contamination of ground water or pollution of surface water.

Within ten days after receipt of such application, the Mining Board shall:

1. Return the application with an explanation as to why permit has been refused, or
2. Issue a permit for the construction and use of the pit.

Earthen pits may be constructed for such purposes only when the pit is underlain by tight soil such as clay or hardpan. Where the soil under the pit is porous and closely underlain by a gravel or sand stratum, impounding of salt water or the waste liquids in such earthen pits is hereby prohibited except where pit is constructed with such material which will prevent seepage from the pit.

B. Existing Pits

Within six (6) months from the effective date of this rule, operators of all existing salt water pits shall submit application for a permit for said pits on such form as the Mining Board may provide. The application will be approved subject to physical inspection if the pit adequately prevents the escape of waste liquids.

When such liquids are impounded in earthen pits, the pit shall be constructed and maintained so as to prevent escape therefrom. The waste liquids in earthen pits shall be kept at least twelve (12) inches below the top of the wall of any earthen pit to prevent the breaking of such wall. All pits shall have continuous walls surrounding them so that no surface drainage from adjacent areas can enter the pits. No pit shall be used in an area which is subject to flooding by streams, rivers, lakes, or

drainage ditches, unless so constructed that the pit would not normally be affected by flooding.

(3) PIPES TO BE KEPT IN REPAIR

A pipe conveying such liquids to any salt water disposal well or pit shall be kept in good repair and free from leaks, and no outlet valve will be permitted in such pipe between the place of origin and discharge.

(4) SLUSH AND MUD PITS

When drilling with cable tools, the operator shall provide at least one (1) properly prepared slush pit, into which he must deposit mud and cuttings. When drilling with rotary tools, the operator shall provide the necessary mud circulation and reserve pits.

(5) ROTARY DRILLING PROCEDURE

To protect fresh water stratum the following rules on "Drilling Procedure" shall apply to wells drilled with rotary tools:

It is incumbent on the operator to ascertain and set suitable and safe surface casing in all wells drilled from the effective date of these rules. In all wells drilled in areas where pressure and formation are unknown, sufficient surface casing shall be run to reach a depth below all utilized fresh water levels and shall be of sufficient size to permit the use of an intermediate string of casing. Surface casing shall be set in or through an impervious formation, and shall be cemented by the pump and plug or displacement method with sufficient cement to circulate to the top of the hole.

In wells drilled in areas where the subsurface conditions have been established by drilling experience, surface casing size at the operator's option shall be set and cemented to the surface by the pump and plug or displacement method at a depth to protect all utilized fresh water.

Cement shall be allowed to set under pressure before drilling the plug in accordance with standards prevailing in the area.

In lieu of surface casing requirements as set out herein and at the option of the operator the flow string may be cemented by the pump and plug or displacement method with sufficient cement to protect all utilized fresh water stratum.

In the event that it is later determined that utilized fresh water strata exist below the surface casing in a producing oil, gas or service well, then the operator, contractor, or

owner shall under the supervision of a representative designated by the Mining Board, cause the flow string to be perforated and squeezed with cement to protect such fresh water strata, or take such other measures for the protection of such fresh water strata as are ordered by the Mining Board after notice and hearing.

(6) CABLE TOOL DRILLING RULES

Before commencing to drill, proper and adequate slush pits shall be constructed for the reception of mud of sufficient quality and quantity so that such mud may be available if and when the hole is plugged.

Where cable tools are used, sufficient surface casing shall be set to protect all utilized fresh water levels, and subsurface casing shall be cemented by the pump and plug or displacement method with sufficient cement, provided further that any hole drilled by cable tools where fresh water stratum is encountered fifty (50) feet or less from the surface, methods other than noted above may be used in setting surface casing, provided such method protects all utilized fresh water stratum.

(7) MINING BOARD SUPERVISION

When salt water or other waste liquid is not properly impounded or is, being improperly disposed of, or pollution of utilized fresh water stratum is occurring from improper drilling procedures, the Mining Board shall order such improper condition corrected when it is determined that the disposal method used pollutes utilized fresh water supplies, creates a hazard, or is injurious to life, health, or property.

(8) YEARLY INSPECTION OF PITS—REVOCATION OF PERMITS — ORDERS FOR CORRECTIVE ACTION AND OTHER DISPOSAL

All pits for which permits have been issued shall be subject to a yearly inspection by the Mining Board. After ten (10) days written notice to the operator, and after a hearing, the Mining Board may condemn any pit which does not properly impound salt water and other waste liquids, and (1) order revocation of the pit permit, (2) order the operators to take measures to correct the defective conditions of the pit, or (3) order the operator to dispose of such liquids and waste by some other means. Such orders of the Mining Board requiring the operator to take corrective measures or to dispose of liquids and waste by other means shall specify the period of time (no less than 10 days nor more than 90 days), the operator shall have to take corrective measures or to make alternate disposal. Such period of time shall be extended by the Mining Board when

circumstances beyond the control of the operator effectively prevent the operator's compliance. The pit permit shall automatically be revoked unless the operator has complied with such orders by the expiration of said time period.

5. RULE XI

(2) WHEN WELL TO BE PLUGGED. (*Add underlined words*)

The owner or manager shall not permit any well drilled for oil, gas, salt water disposal or any other purpose in connection with the production of oil and gas, to remain unplugged after such well is no longer used *or held for use* for the purpose for which it was drilled or converted.

(*add this paragraph*)

Unless the operator of any such well has been granted an extension of time to plug pursuant to Section (8) of this Rule XI, such well shall be plugged when and if:

(a) drilling operations on a drilling well shall have ceased for a period of 30 days and no production string has been run.

(b) any well for which operations have ceased for a period of six (6) months, provided however, in any event, if the surface equipment is not in place on such well, the well shall be capped promptly for safety reasons.

(7) RESTORATION OF SURFACE. (*Replacement*)

Leaving the surface of lands with a part of the operating structure or other equipment intact after abandoning or plugging a well or wells is against public policy and constitutes public nuisances and shall be hereafter prohibited. Whenever any owner or manager shall abandon or plug a well or wells he shall within six (6) months thereafter clear the area around the location of all refuse material, burn waste oil, drain and fill all excavations, remove concrete bases, machinery and materials, and level the surface to leave the site as nearly as possible in the condition encountered when operations were commenced, unless the fee owner of the surface of said land and the owner or manager have entered into a written contract providing otherwise. A copy of this contract shall be filed with the Mining Board for their approval.

When the fee owner of the surface desires to utilize the pits dug in connection therewith, the fee owner shall sign and file with the Mining Board a release form furnished by the Mining Board, thereby releasing the owner, manager, or operator from all responsibility and statutory or other requirements for the further filling of the pits.

Any person, firm, association, partnership or corporation violating the provisions of this Act shall be subject to penalties of the Public Nuisance Act as set forth in Section 222 of the Criminal Code of the Illinois Revised Statutes.

(8) EXTENSION OF TIME TO PLUG WELL. (*Add 2nd underlined paragraph*)

Upon written application for an extension of time to defer the plugging and abandonment of any unplugged well, the Mining Board, at its discretion, may grant such extension for a reasonable period of time when good cause can be shown by the person making the application, and providing the casing is all left in the well and is in sound condition. If water was encountered which will flood oil-bearing formations exposed in the open hole, the water-bearing formation below the casing seat shall be plugged off with cement. The top of the casing shall be securely capped.

Requests for an extension of time to plug shall be granted by the Mining Board if the cause shown by the operator shall be for the use of future possible production or other good causes. The extension of time granted by the Mining Board shall and hereby does require the operator to notify the Mining Board of any change in status of the well. Any extension of time to plug shall be on a non-transferable basis.

If no bond covering such well is then in effect, a bond shall be given before the extension is granted, and such bond shall remain in full force and effect until the well is plugged and the other requirements of final abandonment have been completed.

At the expiration of any extension granted, the well shall be plugged and abandoned if a further extension is denied by the Mining Board.

The above and foregoing rules shall be in full force and effect after this date.

DATED AT Springfield, Sangamon County, Illinois, this 1st day of April, A. D., 1964.

BY ORDER OF THE STATE MINING BOARD:
L. L. Ruff, *Executive Officer*

STATE OF ILLINOIS
DEPARTMENT OF MINES AND MINERALS
SPRINGFIELD, ILLINOIS

In the matter of an application filed by National Associated Petroleum Company to drill for oil and/or gas the *Austin-Poshard* "B" #1 located 330 feet south and 330 feet west of the northeast corner of the southeast quarter of the northwest quarter of Section 17, Township 6 South, Range 9 East, White County, Illinois.

HEARING ORDER
No. 169

This cause came on for hearing before the State Mining Board in the State Office Building, Springfield, Illinois, at 10:30 A.M. C.S.T., on Monday, March 30, 1964.

Present at the hearing for the State Mining Board was Mr. George Lane, Petroleum Engineer, who acted as Hearing Officer. Appearing for National Associated Petroleum Company were Mr. Walter Price, and Mr. D. E. Furnall of Craig and Craig Attorneys. No appearance was made by or on behalf of the objectors, Doris V. Welch and John W. Welch. Evidence was presented in the form of oral testimony and exhibits were presented.

The Mining Board, after a full and complete hearing and in consideration of the evidence and testimony, took the cause under advisement, and on consideration finds:

That the application for a permit filed by National Associated Petroleum Company to drill the *Austin-Poshard* "B" #1 located:

330 feet south and 330 feet west of the northeast corner of the southeast quarter of the northwest quarter of Section 17, Township 6 South, Range 9 East, White County, Illinois,

is in order; that pursuant to Section 83A, Chapter 104, Illinois Revised Statutes, 1955, the parties involved shall integrate their interests and develop their lands as a drilling unit for the *Austin-Poshard* "B" #1 located:

330 feet south and 330 feet west of the northeast corner of the southeast quarter of the northwest quarter of Section 17, Township 6 South, Range 9 East, White County, Illinois.

That the East one-half of the Southeast Quarter of the Northwest Quarter of Section 17, Township 6 South, Range 9 East, White County, Illinois, is the designated drilling unit consisting of twenty (20) acres of surface area.

IT IS THEREFORE ORDERED, that a permit shall be granted to National Associated Petroleum Company for the *Austin-Poshard* "B" #1 well located:

330 feet south and 330 feet west of the northeast corner of the southeast quarter of the northwest quarter of Section 17, Township 6 South, Range 9 East, White County, Illinois, and that the parties involved shall integrate their interests and develop their lands as the aforesaid drilling unit for the aforesaid well.

IT IS FURTHER ORDERED, that the objectors, Doris V. Welch and John W. Welch, shall participate in the *Austin-Poshard "B" #1* well and the drilling unit described above to the extent of one-sixteenth (1/16) of one-eighth ($\frac{1}{8}$) of the royalty interest.

DATED AT Springfield, Sangamon County, Illinois, this 3rd day of April A. D. 1964.

BY ORDER OF THE STATE MINING BOARD:
L. L. Ruff, *Executive Officer*

STATE OF ILLINOIS
DEPARTMENT OF MINES AND MINERALS
SPRINGFIELD, ILLINOIS

In the matter of the application of Kingwood Oil Company to drill a water injection well to be known as the *Dodd #10-W* and located 45 feet south and 10 feet east of the northwest corner of the northeast quarter of the northwest quarter of Section 6, Township 6 South, Range 7 East, Hamilton County, Illinois.

HEARING ORDER
No. 170

This cause came on for hearing before the State Mining Board in the State Office Building, Springfield, Illinois, at 10:00 A.M. - D.S.T., Tuesday, July 21, 1964.

Present for hearing for the State Mining Board were Mr. George R. Lane, Petroleum Engineer, and Mr. Noble L. Ferguson, Hearing Officer; Mr. C. A. McKenzie, Attorney and Mr. C. A. Robinson, Engineer, of Kingwood Oil Company; Mrs. E. G. Davis, Engineer, Pure Oil Company; Mr. C. Richard Turnbow, Attorney, and Mr. J. R. Martin, Engineer, Marathon Oil Company; Mr. Chris Pearson, Objector, and Mr. T. L. Metcalf, Engineer, on behalf of Mr. Pearson. Witnesses were duly sworn and evidence in the form of oral testimony and exhibits were presented.

The Mining Board, having considered the oral testimony in said cause and the exhibits introduced in said cause, and being fully advised in the matter, on consideration finds:

That the application of Kingwood Oil Company to drill a water injection well to be known as the *Dodd #10-W* and located:

45 feet south and 10 feet east of the northwest corner of the northeast quarter of the northwest quarter of Section 6, Township 6 South, Range 7 East, Hamilton County, Illinois, should be granted.

IT IS THEREFORE ORDERED THAT the application of Kingwood Oil Company to drill a water injection well known as the *Dodd #10-W* and located:

45 feet south and 10 feet east of the northwest corner of the northeast quarter of the northwest quarter of Section 6, Township 6 South, Range 7 East, Hamilton County, Illinois, is approved and the permit is hereby granted.

DATED at Springfield, Sangamon County, Illinois, this 10th day of August A. D. 1964.

BY ORDER OF THE STATE MINING BOARD:
L. L. Ruff, *Executive Officer*

STATE OF ILLINOIS
DEPARTMENT OF MINES AND MINERALS
SPRINGFIELD, ILLINOIS

In the matter of an Application for Permit filed by John M. Zanetis to drill an oil well designated as the *Florence Mix etal #1* to be located 125 feet south and 330 feet east of the northwest corner of Section 1, Township 1 North, Range 7 East, Wayne County, Illinois.

HEARING ORDER
No. 171

This cause came on for hearing before the State Mining Board in the State Office Building, Springfield, Illinois, at 10:00 A.M., D.S.T., Tuesday, August 4, 1964.

Present at the hearing for the State Mining Board were Mr. Noble L. Ferguson, Hearing Officer, and Mr. George Lane, Petroleum Engineer; Mr. John M. Zanetis, applicant, and Mr. Paul A. Croegaert, Attorney, and Mr. Paul E. Mullinax, geologist, on behalf of the applicant; Mr. Gwynne E. Old, Attorney, Mr. Jerry J. Wasicek, and Mr. Gary S. Way, Petroleum Engineer, on behalf of The Pure Oil Company, objector. Witnesses were duly sworn and evidence in the form of oral testimony and exhibits was presented.

The Mining Board, having considered the oral testimony and exhibits introduced in said cause, and being fully advised in the matter, on consideration finds:

That to protect the correlative rights by reason of a drainage claim resulting from an offset well drilled to the Aux Vases formation

at approximately 2975 feet, the application of John Zanetis to drill the *Florence Mix etal #1* well to be located:

125 feet south and 330 feet east of the northwest corner of
Section 1, Township 1 North, Range 7 East, Wayne County,
Illinois,
should be granted.

IT IS THEREFORE ORDERED that the application of John Zanetis to drill the *Florence Mix etal #1* well to be located:

125 feet south and 330 feet east of the northwest corner of
Section 1, Township 1 North, Range 7 East, Wayne County,
Illinois,
is approved and the permit is hereby granted.

DATED at Springfield, Sangamon County, Illinois, this 14th day
of August A.D. 1964.

BY ORDER OF THE STATE MINING BOARD:
L. L. Ruff, *Executive Officer*

STATE OF ILLINOIS
DEPARTMENT OF MINES AND MINERALS
SPRINGFIELD, ILLINOIS

In the matter of the application of E. E. Rehn to
drill for oil and gas the *Rehn-Moore #1* well to
be located 90 feet south and 330 feet west of the
northeast corner of the northwest quarter of the
northwest quarter of Section 8, Township 6 south,
Range 3 east, Franklin County, Illinois, to the
McCloskey formation.

HEARING ORDER
No. 172

This cause came on for hearing on the 11th day of September A.D., 1964, at 10:00 A.M., D.S.T., before the State Mining Board in the State Office Building, Springfield, Illinois, pursuant to notice of hearing, duly given on the application above-captioned.

Present for the hearing for the State Mining Board were Messrs. George R. Lane, Petroleum Engineer, and Noble Ferguson, Hearing Officer; E. E. Rehn, applicant; J. W. McDonald and C. C. Bailie representing Old Ben Coal Corporation.

The Mining Board, having considered the oral testimony in said cause and the exhibits introduced in said cause, and being fully advised in the matter, on consideration finds as follows:

That the application of E. E. Rehn to drill the *Rehn-Moore #1* well to be located:

90 feet south and 330 feet west of the northeast corner of the northwest quarter of the northwest quarter of Section 8, Township 6 south, Range 3 east, Franklin County, Illinois, to the McClosky formation, should be denied

IT IS THEREFORE ORDERED that the application of E. E. Rehn to drill the *Rehn-Moore #1* to be located:

90 feet south and 330 feet west of the northeast corner of the northwest quarter of the northwest quarter of Section 8, Township 6 south, Range 3 east, Franklin County, Illinois.
is hereby denied.

DATE at Springfield, Sangamon County, this 22nd day of September A.D. 1964.

BY ORDER OF THE STATE MINING BOARD:
L. L. Ruff, *Executive Officer*

STATE OF ILLINOIS
DEPARTMENT OF MINES AND MINERALS
SPRINGFIELD, ILLINOIS

In the matter of an application filed by E. C. Reeves to drill for oil and/or gas the *Bareither-Walker Comm. #1* located 990 feet north and 1650 feet west of the southeast corner of the northeast quarter of the southeast quarter of Section 26, Township 12 North, Range 7 East, Coles County, Illinois.

HEARING ORDER
No. 173

This cause came on for hearing before the State Mining Board in the State Office Building, Springfield, Illinois, at 9:30 A.M., D.S.T., Tuesday October 20, 1964.

Present at the hearing for the State Mining Board were Mr. George Lane, Petroleum Engineer and Mr. Noble L. Ferguson, Hearing Officer. Mr. Gene Stoker appeared on behalf of the applicant. No appearance was made by or for other notified interested parties.

The Mining Board, after a full and complete hearing and in consideration of evidence and testimony, took the cause under advisement and finds as follows:

That the application for a permit to drill the *Bareither-Walker Comm. #1* located.

990 feet north and 1650 feet west of the southeast corner of the northeast quarter of the southeast quarter of Section 26, Township 12 North, Range 7 East, Coles County, Illinois,

filed by Mr. E. C. Reeves, is in order; that pursuant to Section 83a, Chapter 104, Illinois Revised Statutes, 1955, the parties involved shall integrate their interests and develop their lands as a drilling unit for the *Bareither-Walker Comm. #1* well located:

990 feet north and 1650 feet west of the southeast corner of the northeast quarter of the southeast quarter of Section 26, Township 12 North, Range 7 East, Coles County, Illinois; and that the northeast quarter of the northwest quarter of the southeast quarter of Section 26, 12 North, 7 East, Coles County, Illinois, is the designated drilling units consisting of ten (10) acres of surface area.

IT IS THEREFORE ORDERED that a permit shall be granted to E. C. Reeves for the *Bareither-Walker Comm. #1* located:

990 feet north and 1650 feet west of the southeast corner of the northeast quarter of the southeast quarter of Section 26, Township 12 North, Range 7 East, Coles County, Illinois, and that the parties involved shall integrate their interest and develop their lands as the aforesaid drilling unit for the aforesaid well.

IT IS FURTHER ORDERED that The Millikin National Bank and Trust Company of Decatur, Illinois, as Trustee of the Estate of E. P. Jarvis, Deceased, shall participate in the *Bareither-Walker Comm. #1* well and the drilling unit described above to the extent of 2.80/10th of the $\frac{7}{8}$ th working interest, and 2.80/10th of the $\frac{7}{8}$ th royalty interest.

DATED at Springfield, Sangamon County, Illinois, this 27th day of October A.D. 1964.

BY ORDER OF THE STATE MINING BOARD:
L. L. Ruff, *Executive Officer*

